

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072712.D
 Acq On : 08 Jun 2022 21:56
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jun 09 06:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	146748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	279857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	268562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	104314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	226863	57.600	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.200%
35) Dibromofluoromethane	8.016	113	152507	55.074	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.140%
50) Toluene-d8	10.439	98	584137	52.871	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.740%
62) 4-Bromofluorobenzene	12.727	95	169383	44.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	1044	0.439	ug/l	83
3) Chloromethane	2.299	50	2206	0.778	ug/l	91
4) Vinyl Chloride	2.434	62	1441	0.553	ug/l	98
5) Bromomethane	2.857	94	1459	1.140	ug/l	# 79
6) Chloroethane	2.993	64	893m	0.486	ug/l	
7) Trichlorofluoromethane	3.369	101	2085	0.503	ug/l	# 80
8) Diethyl Ether	3.822	74	720	0.427	ug/l	# 52
9) 1,1,2-Trichlorotrifluo...	4.210	101	682	0.300	ug/l	# 64
11) Tert butyl alcohol	5.310	59	6495m	6.913	ug/l	
12) 1,1-Dichloroethene	4.193	96	1253	0.592	ug/l	# 66
13) Acrolein	4.051	56	1380	3.556	ug/l	98
14) Allyl chloride	4.834	41	2713	0.555	ug/l	# 72
15) Acrylonitrile	5.551	53	5007	2.515	ug/l	# 67
16) Acetone	4.287	43	5845	3.097	ug/l	# 81
17) Carbon Disulfide	4.528	76	4013	0.751	ug/l	# 75
18) Methyl Acetate	4.875	43	3433	0.699	ug/l	# 62
19) Methyl tert-butyl Ether	5.616	73	4458	0.465	ug/l	# 89
20) Methylene Chloride	5.093	84	2101	0.705	ug/l	# 90
21) trans-1,2-Dichloroethene	5.598	96	1390	0.596	ug/l	83
22) Diisopropyl ether	6.498	45	4688	0.473	ug/l	# 75
23) Vinyl Acetate	6.434	43	17877	1.971	ug/l	94
24) 1,1-Dichloroethane	6.387	63	2496	0.485	ug/l	# 82
25) 2-Butanone	7.345	43	9581	3.156	ug/l	# 77
26) 2,2-Dichloropropane	7.322	77	3420	0.735	ug/l	# 60
27) cis-1,2-Dichloroethene	7.328	96	1730	0.583	ug/l	76
28) Bromochloromethane	7.645	49	1072	0.441	ug/l	# 89
29) Tetrahydrofuran	7.698	42	4947	2.637	ug/l	# 85
30) Chloroform	7.816	83	2597	0.484	ug/l	90
31) Cyclohexane	8.086	56	7083	1.591	ug/l	# 75
32) 1,1,1-Trichloroethane	8.010	97	2004	0.423	ug/l	# 39
36) 1,1-Dichloropropene	8.222	75	1840	0.479	ug/l	# 75
37) Ethyl Acetate	7.416	43	4647m	0.778	ug/l	
38) Carbon Tetrachloride	8.198	117	1983	0.483	ug/l	90
39) Methylcyclohexane	9.469	83	2156	0.483	ug/l	# 65
40) Benzene	8.457	78	5960	0.511	ug/l	97
41) Methacrylonitrile	7.634	41	971m	0.482	ug/l	

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.528	62	2915	0.603	ug/l #	74
43) Isopropyl Acetate	8.563	43	4768	0.513	ug/l #	60
44) Trichloroethene	9.216	130	1495	0.551	ug/l	94
45) 1,2-Dichloropropane	9.486	63	1498	0.475	ug/l #	80
46) Dibromomethane	9.575	93	1054	0.478	ug/l #	66
47) Bromodichloromethane	9.763	83	1716	0.379	ug/l #	86
48) Methyl methacrylate	9.563	41	2051	0.466	ug/l #	76
49) 1,4-Dioxane	9.569	88	603	7.497	ug/l	95
51) 4-Methyl-2-Pentanone	10.327	43	13348	2.204	ug/l	92
52) Toluene	10.504	92	3770	0.518	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	1812	0.360	ug/l	91
54) cis-1,3-Dichloropropene	10.186	75	2342	0.450	ug/l #	92
55) 1,1,2-Trichloroethane	10.904	97	1528	0.486	ug/l #	63
56) Ethyl methacrylate	10.763	69	2075	0.373	ug/l #	70
57) 1,3-Dichloropropane	11.033	76	2473	0.441	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.039	63	3338	1.507	ug/l	98
59) 2-Hexanone	11.092	43	9351	2.100	ug/l	88
60) Dibromochloromethane	11.227	129	1332	0.408	ug/l	95
61) 1,2-Dibromoethane	11.351	107	1363	0.423	ug/l	98
64) Tetrachloroethene	10.975	164	1113	0.492	ug/l #	78
65) Chlorobenzene	11.769	112	3237	0.452	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	11.845	131	1337	0.470	ug/l #	56
67) Ethyl Benzene	11.845	91	6165	0.458	ug/l	98
68) m/p-Xylenes	11.951	106	3818	0.798	ug/l	82
69) o-Xylene	12.274	106	1911	0.398	ug/l	75
70) Styrene	12.286	104	3206	0.424	ug/l	95
71) Bromoform	12.457	173	879	0.439	ug/l #	79
73) Isopropylbenzene	12.580	105	5105	0.456	ug/l	95
74) N-amyl acetate	12.380	43	2861	0.550	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.821	83	1968	0.507	ug/l #	86
76) 1,2,3-Trichloropropane	12.874	75	2483m	0.738	ug/l	
77) Bromobenzene	12.863	156	1118	0.507	ug/l #	47
78) n-propylbenzene	12.921	91	5480	0.449	ug/l	98
79) 2-Chlorotoluene	13.004	91	4055	0.529	ug/l	86
80) 1,3,5-Trimethylbenzene	13.051	105	4439	0.501	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.621	75	432m	0.336	ug/l	
82) 4-Chlorotoluene	13.104	91	3859	0.545	ug/l	100
83) tert-Butylbenzene	13.316	119	4156	0.534	ug/l	90
84) 1,2,4-Trimethylbenzene	13.368	105	3966	0.468	ug/l	97
85) sec-Butylbenzene	13.498	105	4703	0.448	ug/l	98
86) p-Isopropyltoluene	13.616	119	3270	0.396	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	2187	0.584	ug/l	89
88) 1,4-Dichlorobenzene	13.692	146	2312m	0.630	ug/l	
89) n-Butylbenzene	13.945	91	3244	0.466	ug/l	87
90) Hexachloroethane	14.204	117	711	0.397	ug/l	69
91) 1,2-Dichlorobenzene	13.986	146	1759	0.479	ug/l	73
92) 1,2-Dibromo-3-Chloropr...	14.610	75	434	0.463	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.268	180	999	0.566	ug/l	87
94) Hexachlorobutadiene	15.368	225	312	0.394	ug/l #	30
95) Naphthalene	15.504	128	5071	0.740	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.698	180	1252	0.712	ug/l	79

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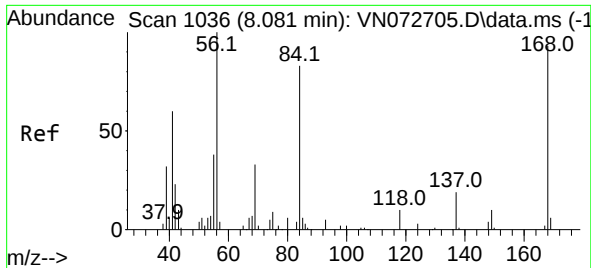
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:53:33 2022
Response via : Initial Calibration

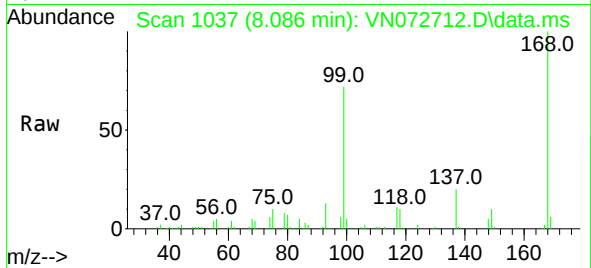
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072712.D
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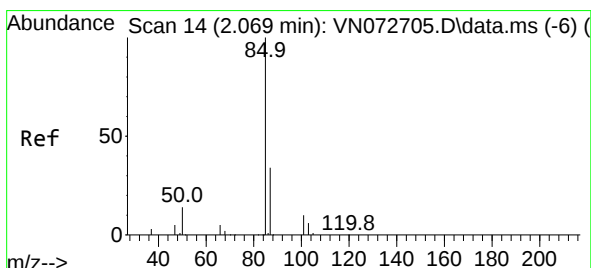
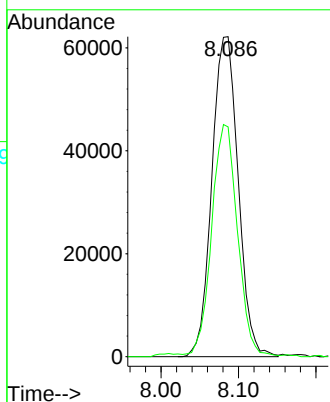
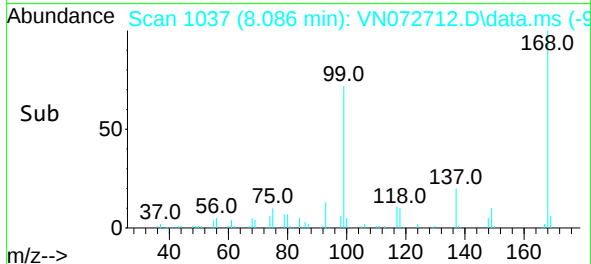
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 146748
Ion Ratio Lower Upper
168 100
99 71.5 42.3 63.5

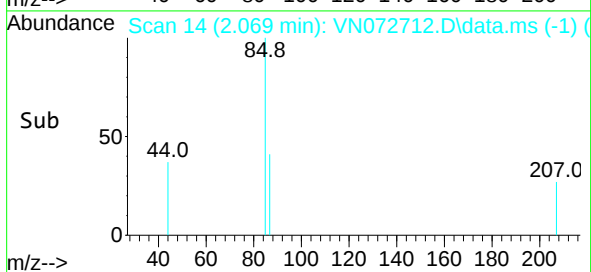
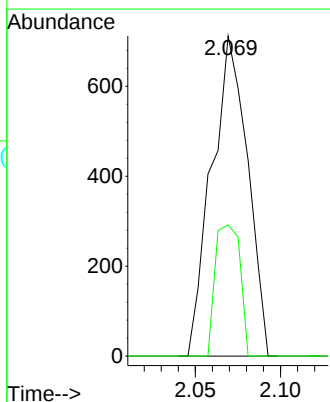
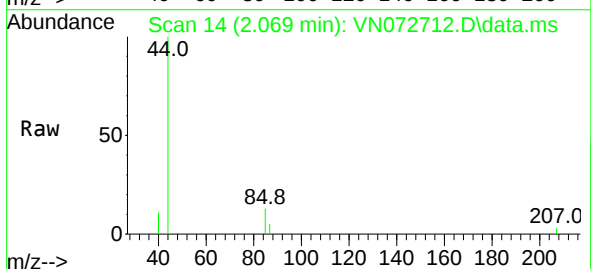
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#2
Dichlorodifluoromethane
Concen: 0.439 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

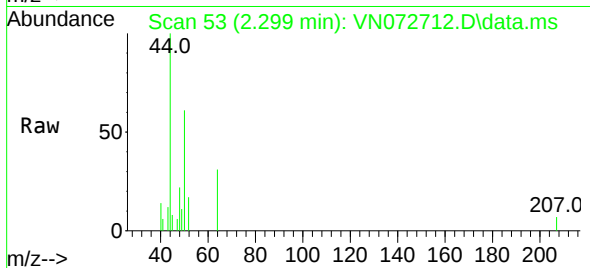
Tgt Ion: 85 Resp: 1044
Ion Ratio Lower Upper
85 100
87 41.0 15.7 47.1





#3
Chloromethane
Concen: 0.778 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

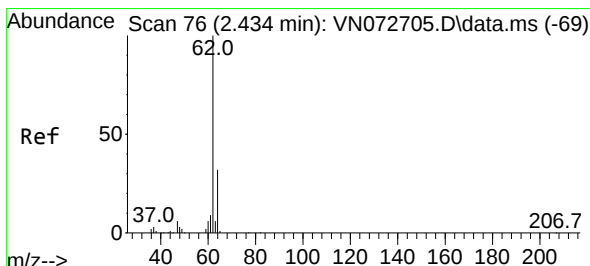
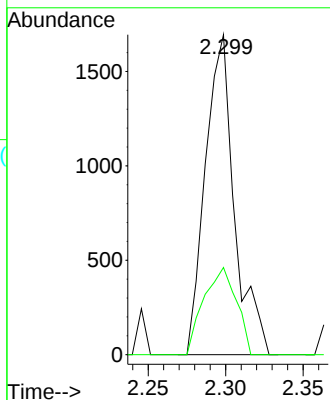
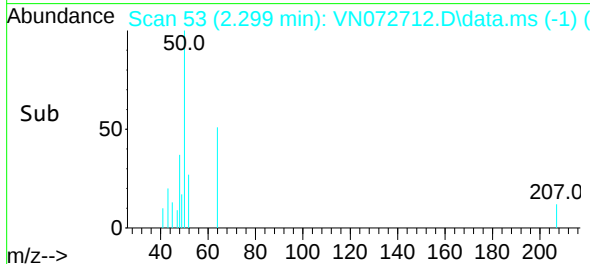
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 2200
Ion Ratio Lower Upper
50 100
52 27.3 25.7 38.5

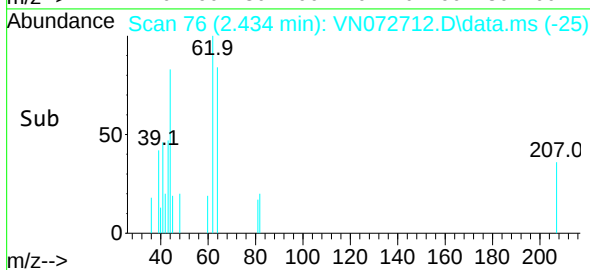
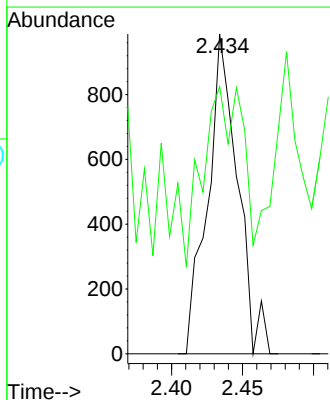
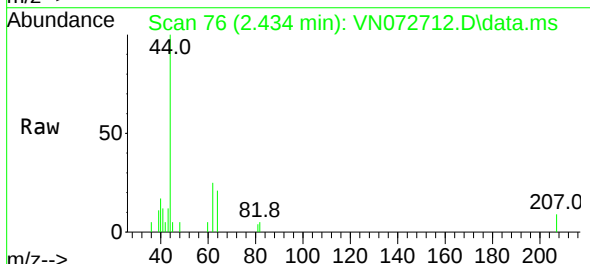
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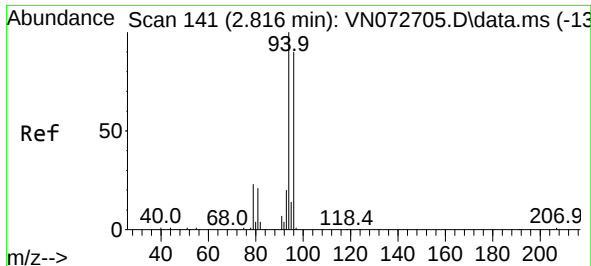
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Vinyl Chloride
Concen: 0.553 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

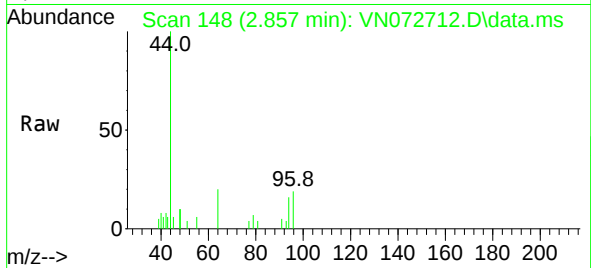
Tgt Ion: 62 Resp: 1441
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4





#5
Bromomethane
Concen: 1.140 ug/l
RT: 2.857 min Scan# 141
Delta R.T. 0.041 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

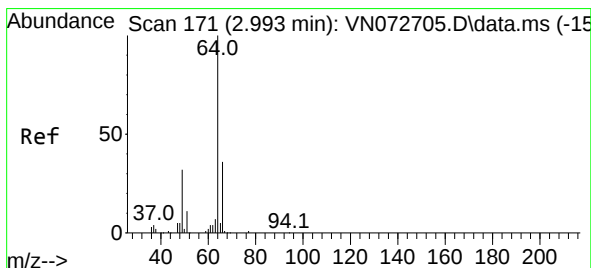
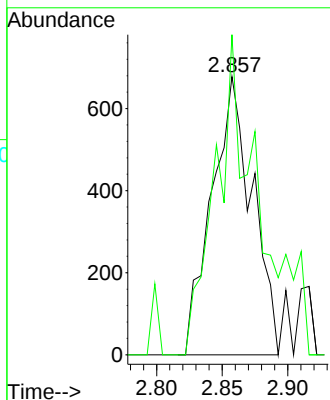
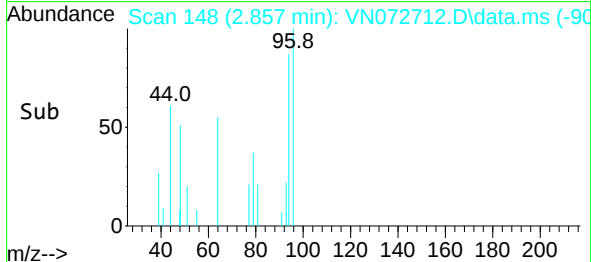
Instrument :
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Tgt Ion: 94 Resp: 1459
Ion Ratio Lower Upper
94 100
96 115.0 76.0 114.0

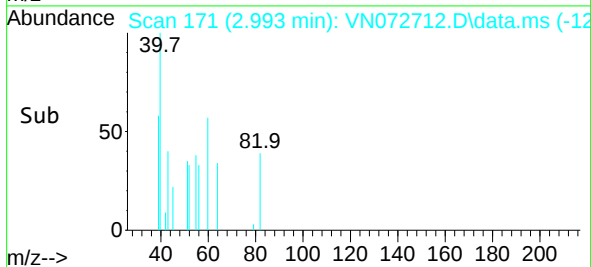
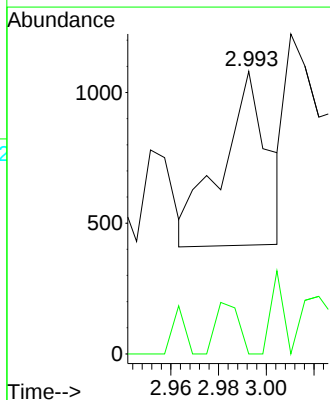
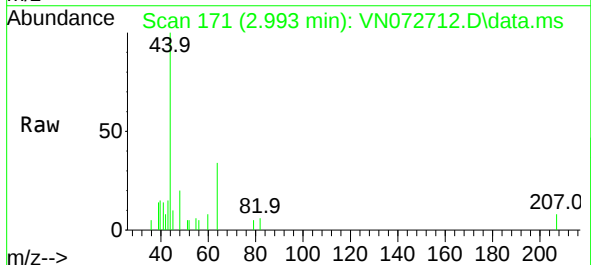
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#6
Chloroethane
Concen: 0.486 ug/l m
RT: 2.993 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

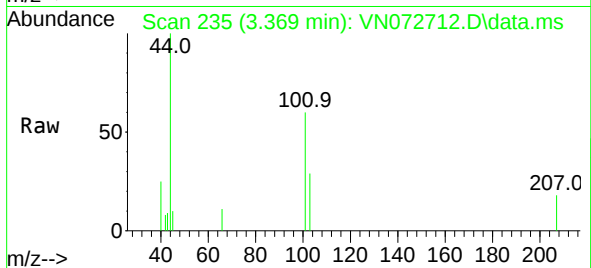
Tgt Ion: 64 Resp: 893
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 0.503 ug/l
 RT: 3.369 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VN072712.D
 Acq: 08 Jun 2022 21:56

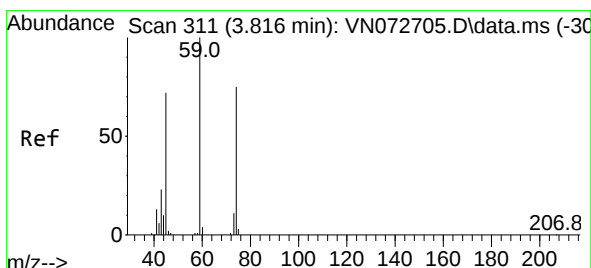
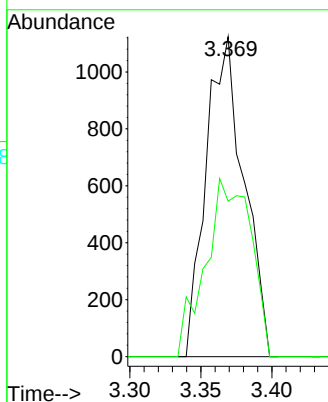
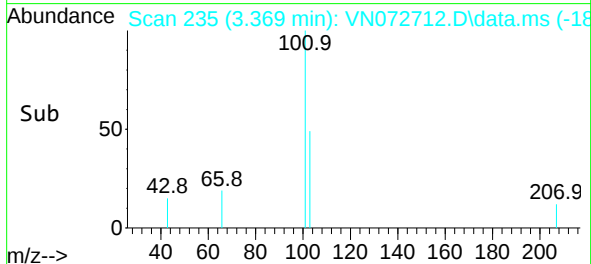
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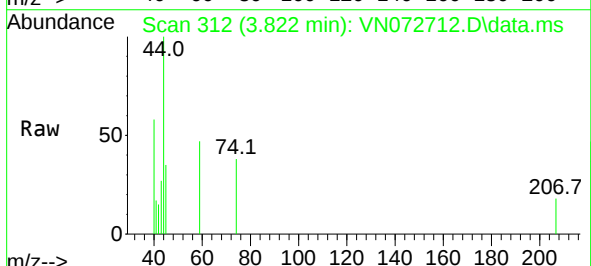
Tgt Ion:101 Resp: 2089
 Ion Ratio Lower Upper
 101 100
 103 48.6 51.5 77.3

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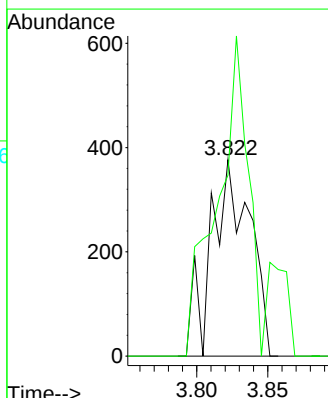
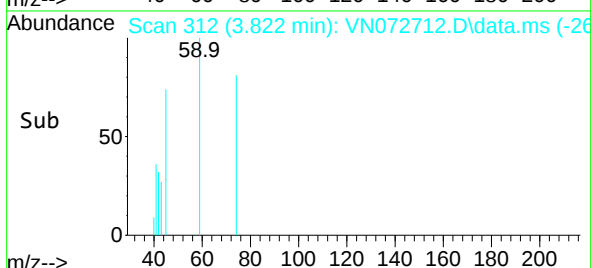
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#8
 Diethyl Ether
 Concen: 0.427 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
 Lab File: VN072712.D
 Acq: 08 Jun 2022 21:56



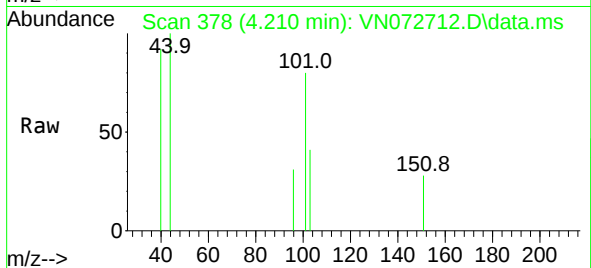
Tgt Ion: 74 Resp: 720
 Ion Ratio Lower Upper
 74 100
 45 129.4 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.300 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN072712.D
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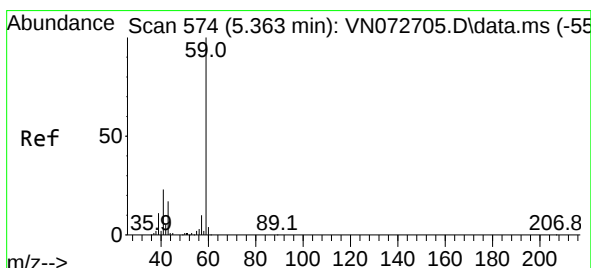
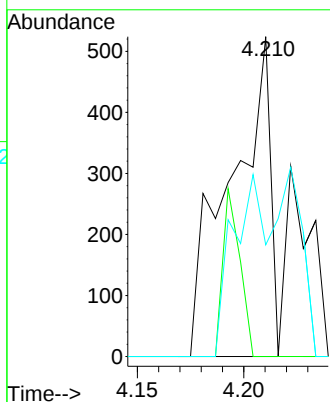
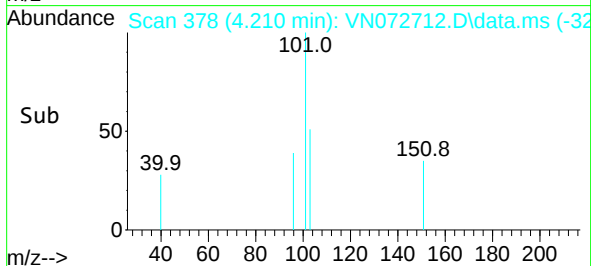
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Tgt Ion:101 Resp: 682
Ion Ratio Lower Upper
101 100
85 22.3 34.7 52.1
151 46.0 63.0 94.4

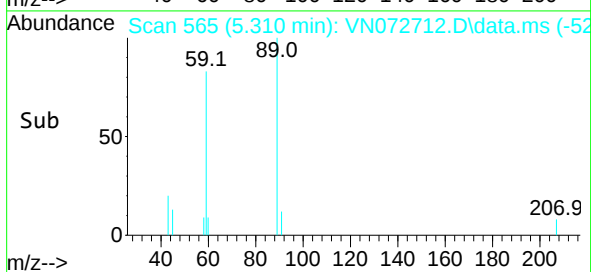
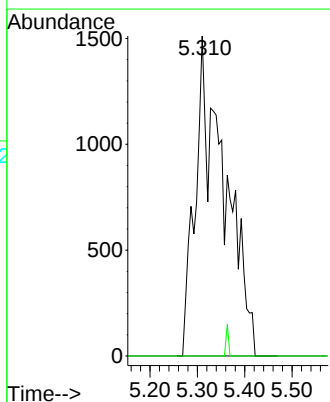
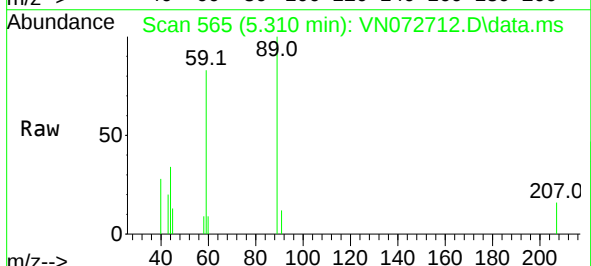
Manual Integrations
APPROVED

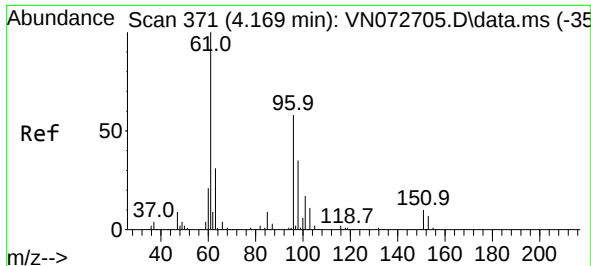
Reviewed By :John Carbone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#11
Tert butyl alcohol
Concen: 6.913 ug/l m
RT: 5.310 min Scan# 565
Delta R.T. -0.053 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

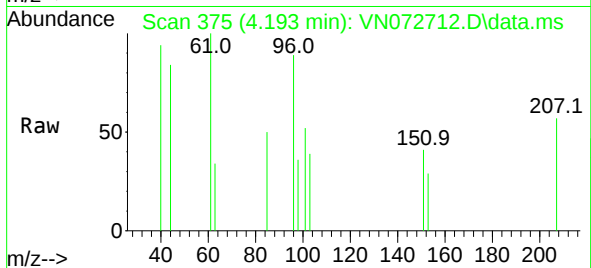
Tgt Ion: 59 Resp: 6495
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5





#12
1,1-Dichloroethene
Concen: 0.592 ug/l
RT: 4.193 min Scan# 311
Delta R.T. 0.024 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

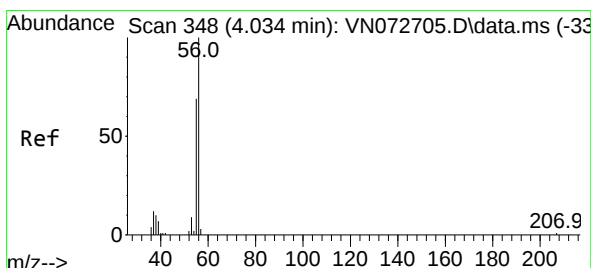
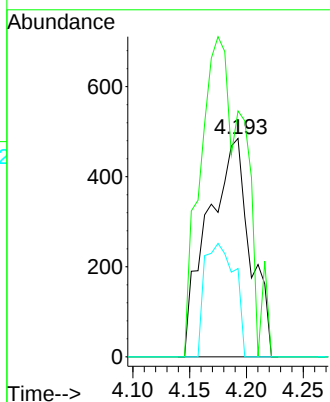
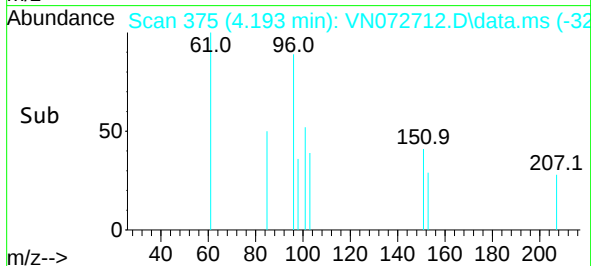
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 125
Ion Ratio Lower Upper
96 100
61 112.6 127.6 191.4
98 40.4 51.2 76.8

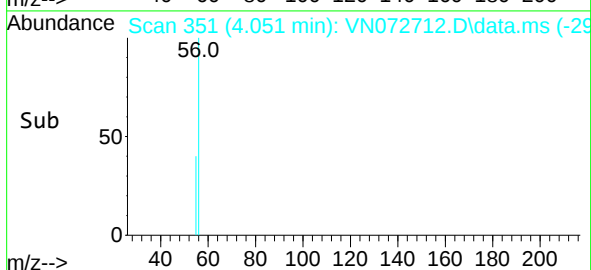
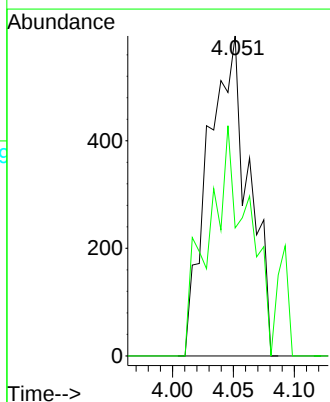
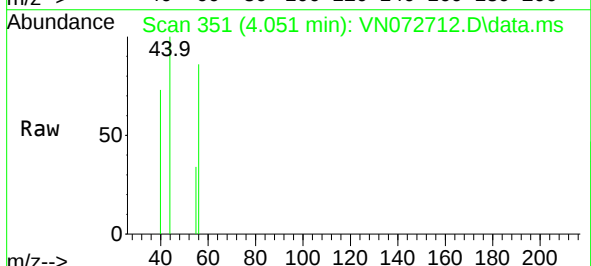
Manual Integrations
APPROVED

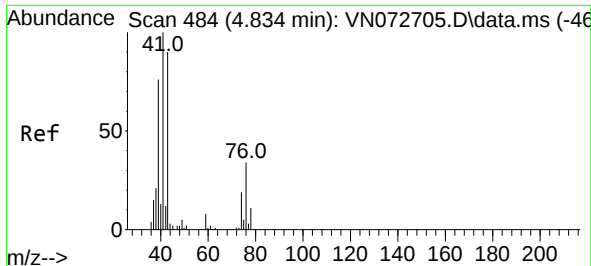
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#13
Acrolein
Concen: 3.556 ug/l
RT: 4.051 min Scan# 351
Delta R.T. 0.017 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

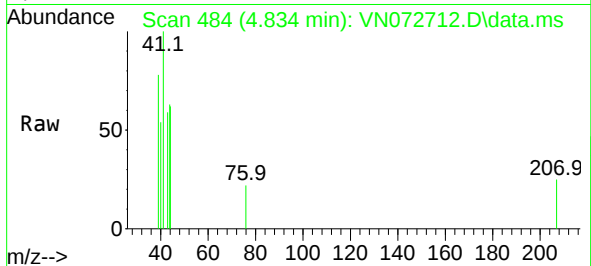
Tgt Ion: 56 Resp: 1380
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2





#14
 Allyl chloride
 Concen: 0.555 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN072712.D
 Acq: 08 Jun 2022 21:56

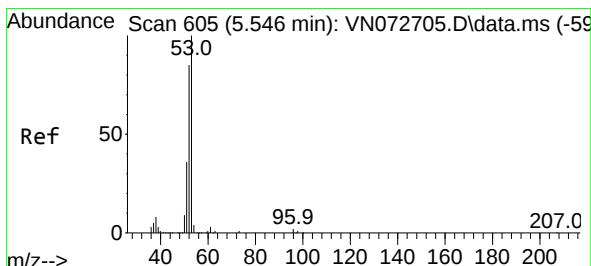
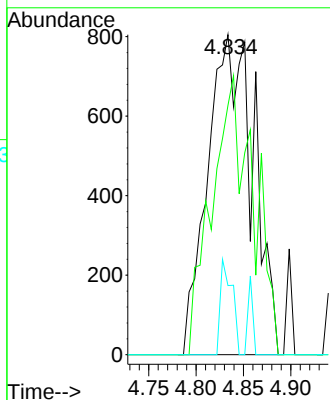
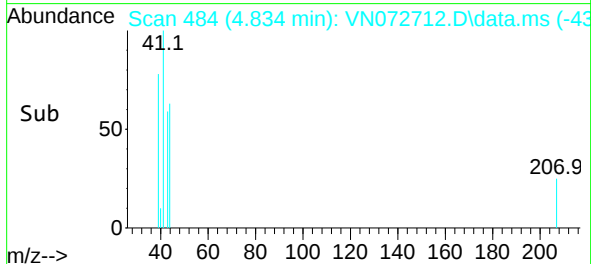
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



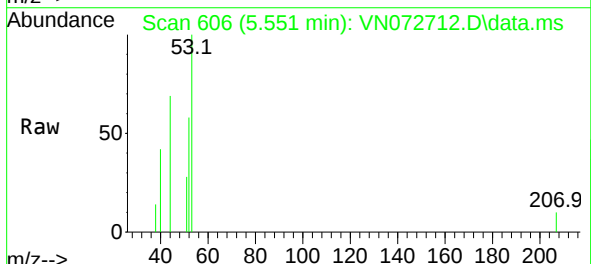
Tgt Ion: 41	Resp: 271
Ion Ratio	Lower Upper
41 100	
39 78.7	53.2 79.8
76 7.7	29.9 44.9

Manual Integrations
 APPROVED

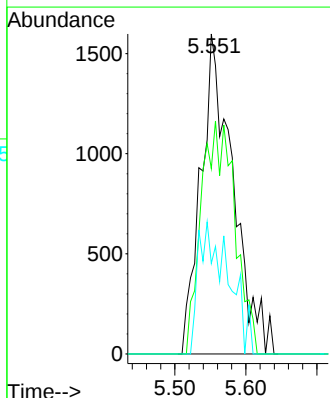
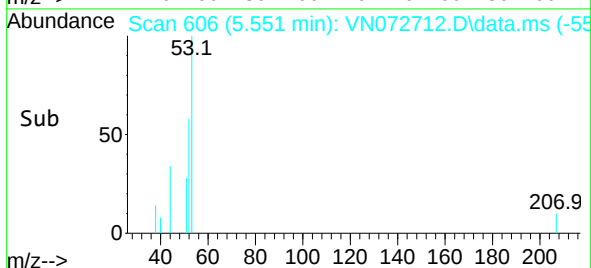
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

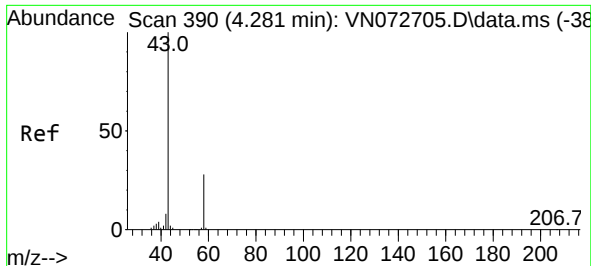


#15
 Acrylonitrile
 Concen: 2.515 ug/l
 RT: 5.551 min Scan# 606
 Delta R.T. 0.005 min
 Lab File: VN072712.D
 Acq: 08 Jun 2022 21:56



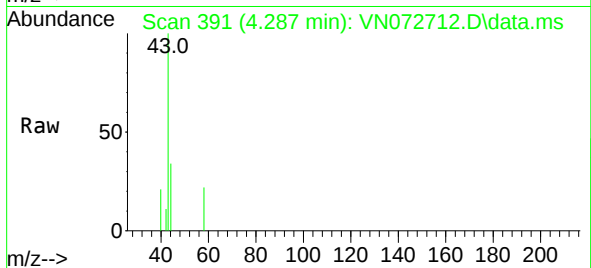
Tgt Ion: 53	Resp: 5007
Ion Ratio	Lower Upper
53 100	
52 43.2	66.4 99.6
51 38.8	28.5 42.7





#16
Acetone
Concen: 3.097 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

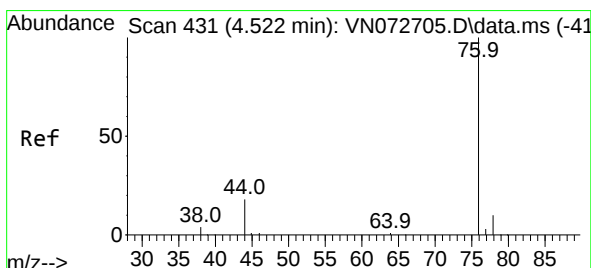
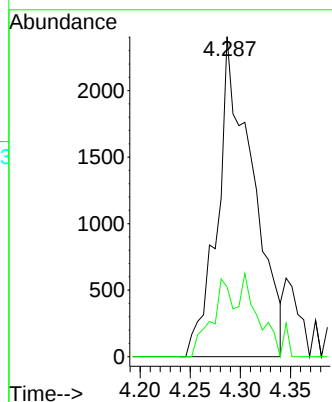
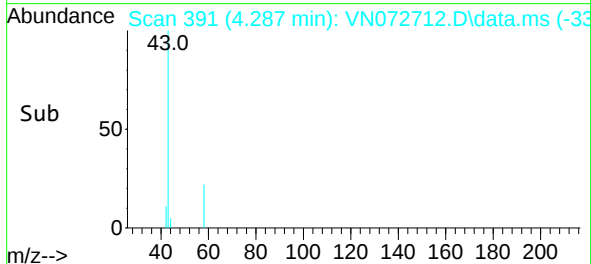
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



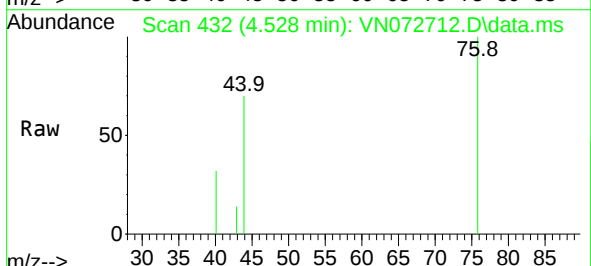
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 21.8 26.0 39.0

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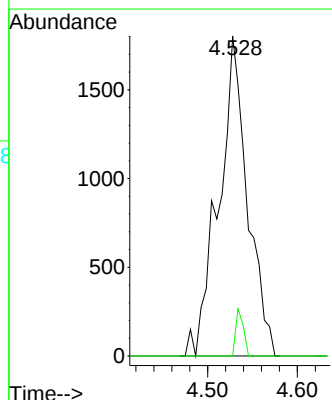
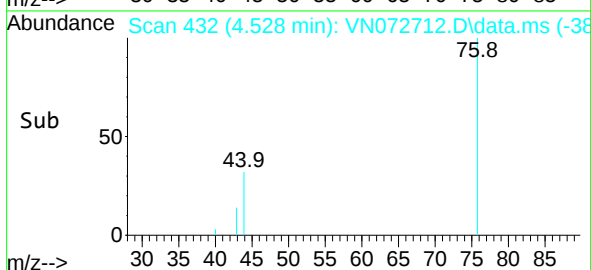
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

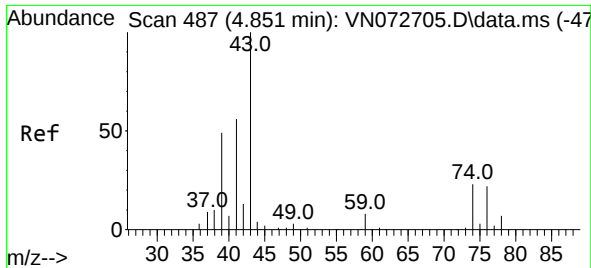


#17
Carbon Disulfide
Concen: 0.751 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



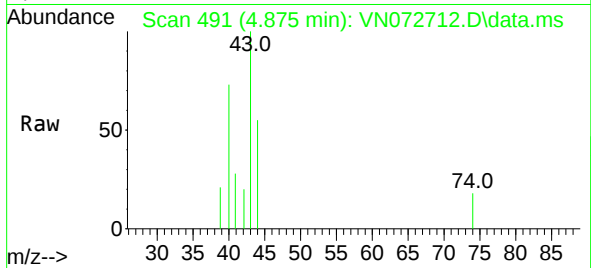
Tgt Ion: 76 Resp: 4013
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8





#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 4.875 min Scan# 491
Delta R.T. 0.024 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

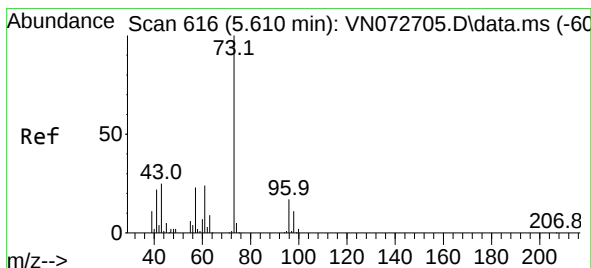
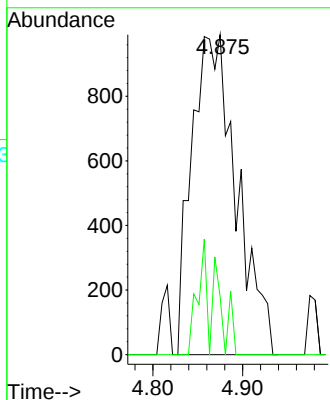
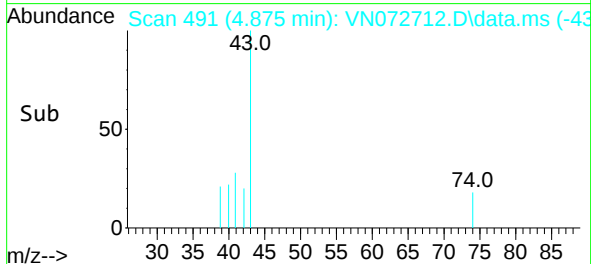
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



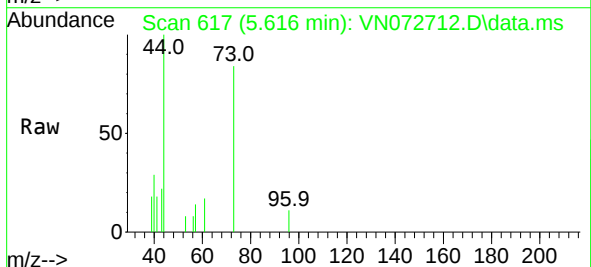
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
74 7.2 21.6 32.4

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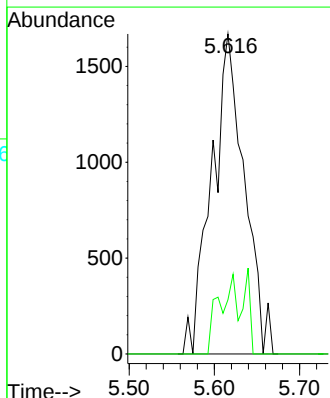
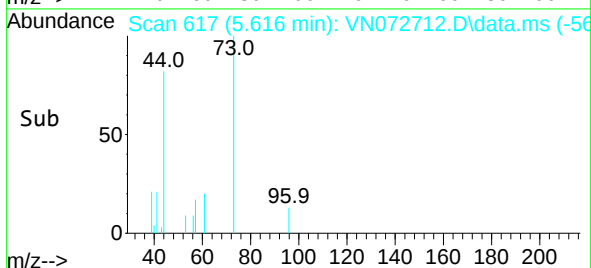
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

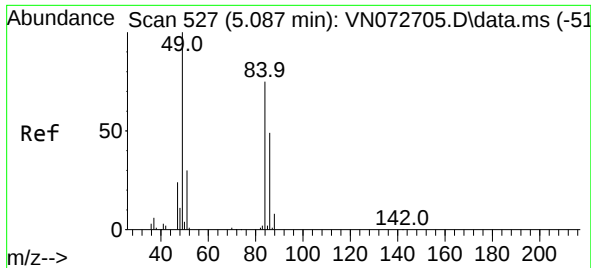


#19
Methyl tert-butyl Ether
Concen: 0.465 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



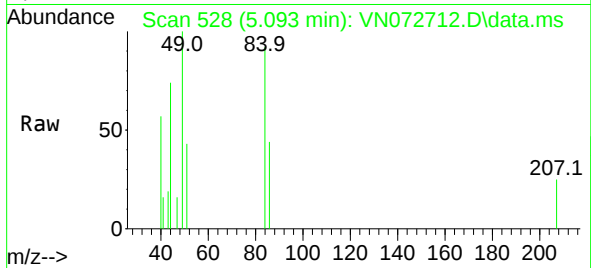
Tgt Ion: 73 Resp: 4458
Ion Ratio Lower Upper
73 100
57 17.0 17.6 26.4





#20
Methylene Chloride
Concen: 0.705 ug/l
RT: 5.093 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

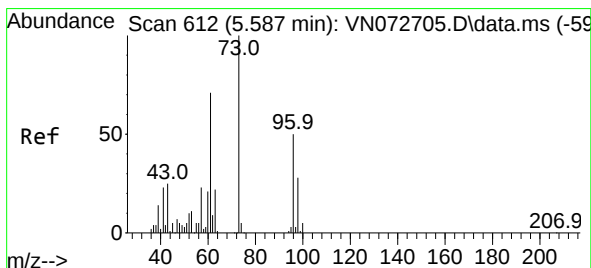
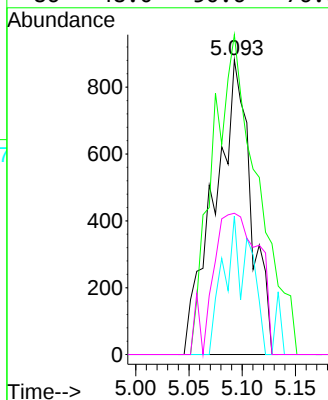
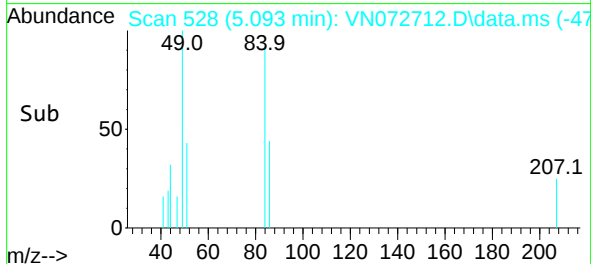
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:	84	Resp:	210
Ion	Ratio	Lower	Upper
84	100		
49	108.5	88.3	132.5
51	46.9	28.2	42.2
86	48.0	50.6	76.0

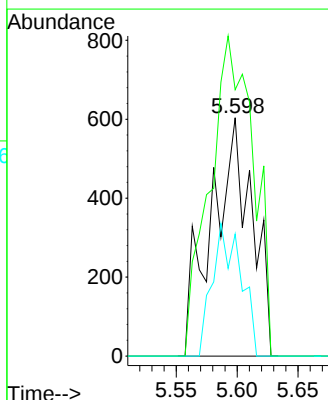
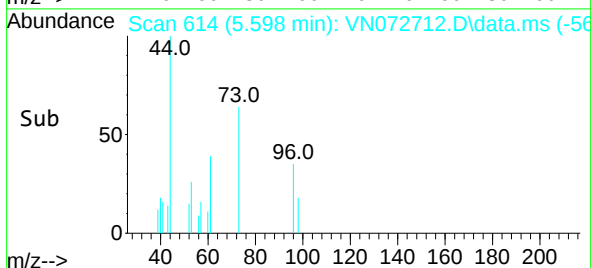
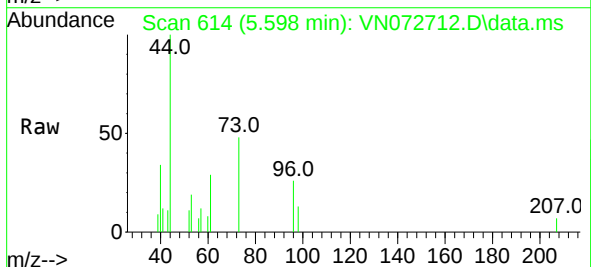
Manual Integrations
APPROVED

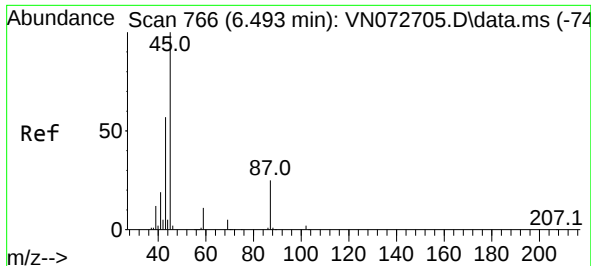
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#21
trans-1,2-Dichloroethene
Concen: 0.596 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.011 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

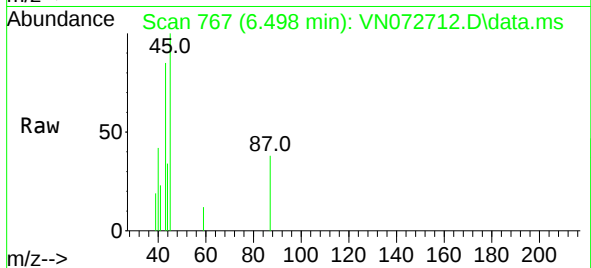
Tgt Ion: 96	Resp: 1390		
Ion Ratio	Lower	Upper	
96	100		
61	111.8	105.8	158.8
98	51.2	50.3	75.5





#22
Diisopropyl ether
Concen: 0.473 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

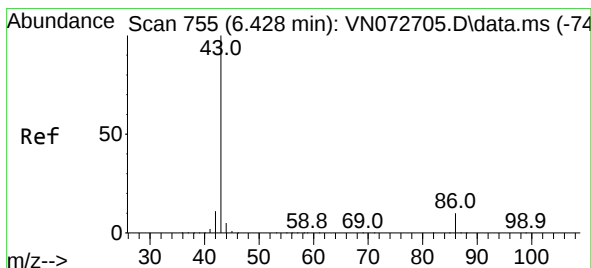
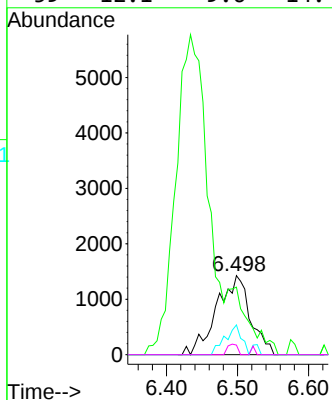
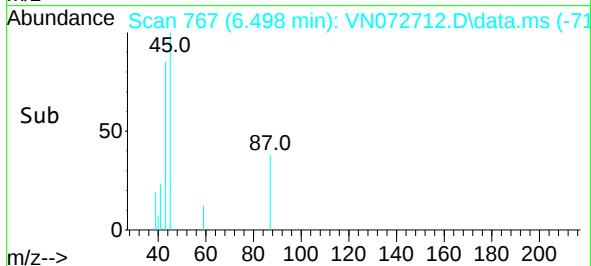
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



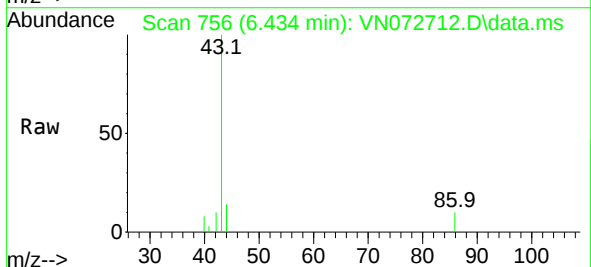
Tgt Ion: 45 Resp: 4688
Ion Ratio Lower Upper
45 100
43 85.5 46.6 70.0
87 37.6 24.3 36.5
59 12.1 9.6 14.4

Manual Integrations
APPROVED

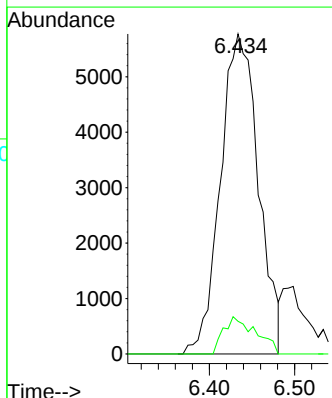
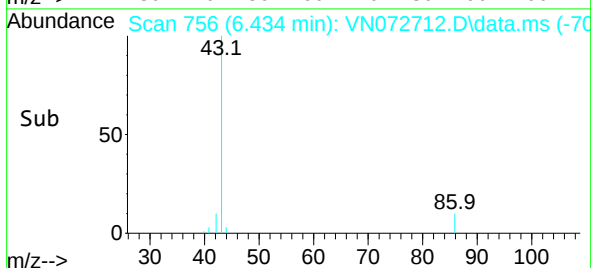
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

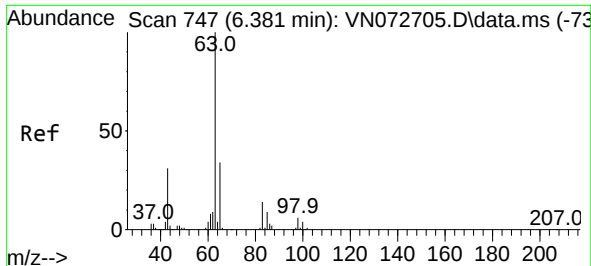


#23
Vinyl Acetate
Concen: 1.971 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



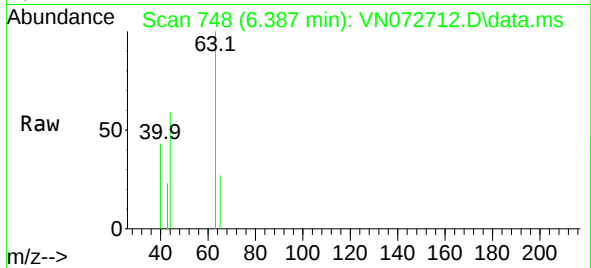
Tgt Ion: 43 Resp: 17877
Ion Ratio Lower Upper
43 100
86 10.2 10.0 15.0





#24
1,1-Dichloroethane
Concen: 0.485 ug/l
RT: 6.387 min Scan# 748
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

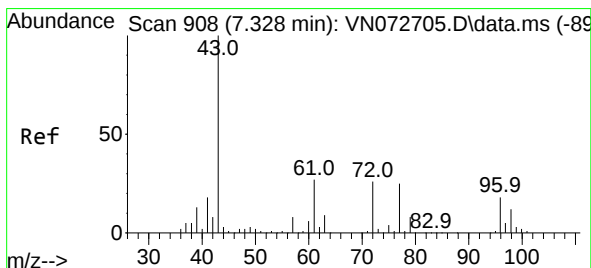
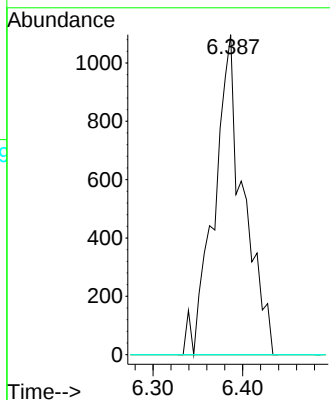
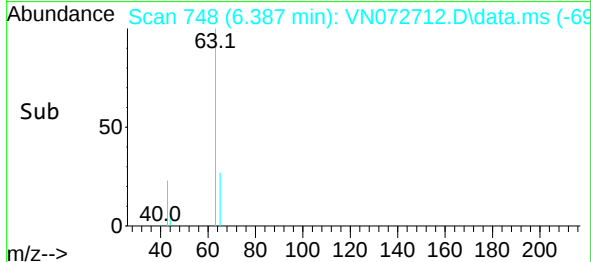
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 63 Resp: 2490
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4
100 0.0 2.3 6.8

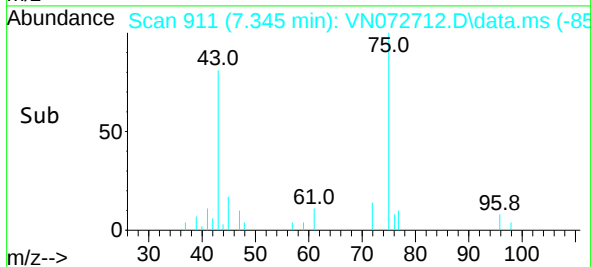
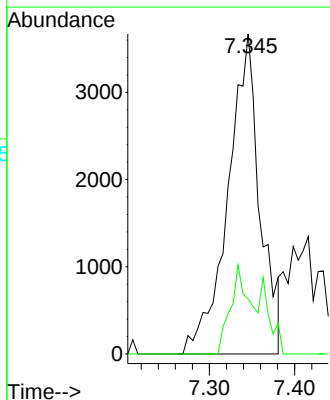
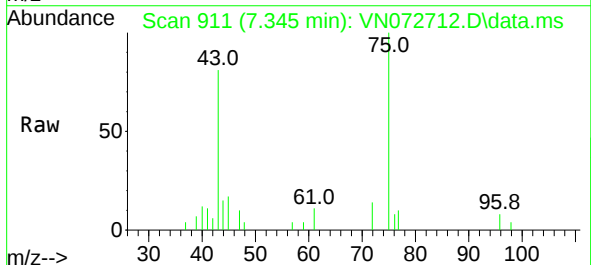
Manual Integrations
APPROVED

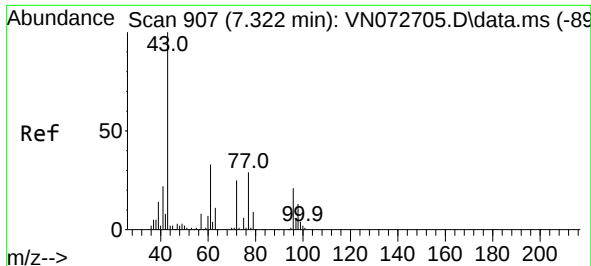
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#25
2-Butanone
Concen: 3.156 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

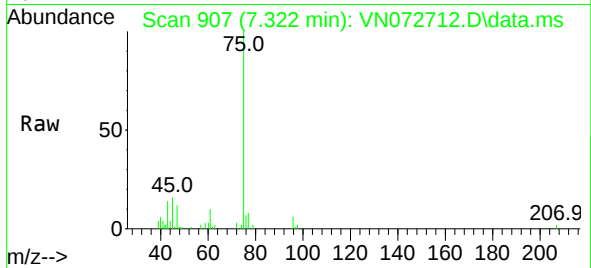
Tgt Ion: 43 Resp: 9581
Ion Ratio Lower Upper
43 100
72 17.2 23.7 35.5





#26
2,2-Dichloropropane
Concen: 0.735 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

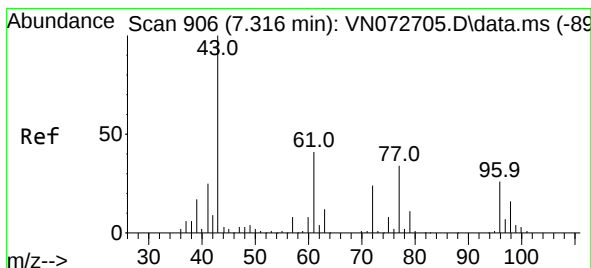
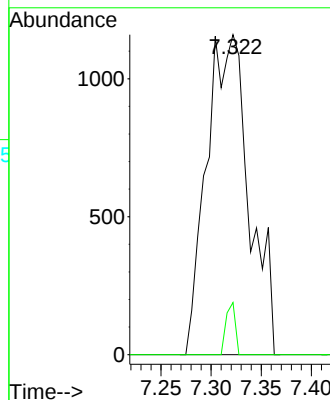
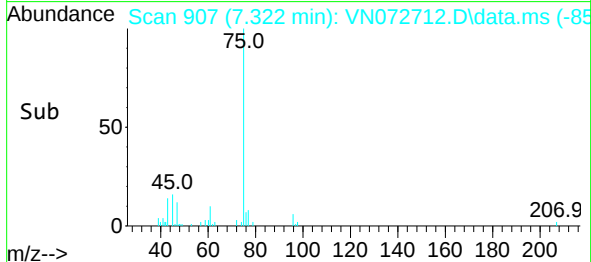
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



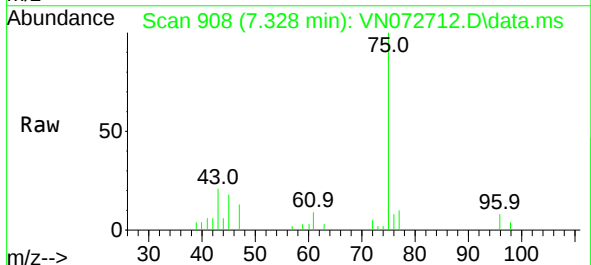
Tgt Ion: 77 Resp: 3420
Ion Ratio Lower Upper
77 100
97 3.5 11.4 34.2

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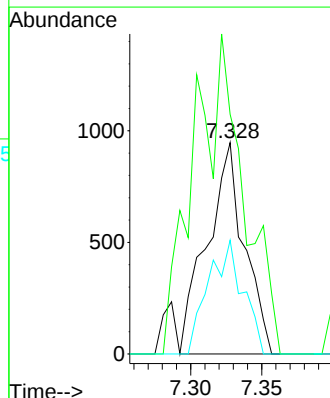
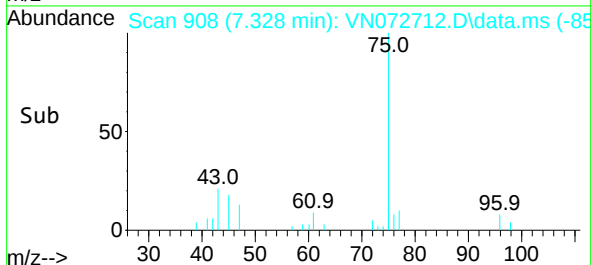
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

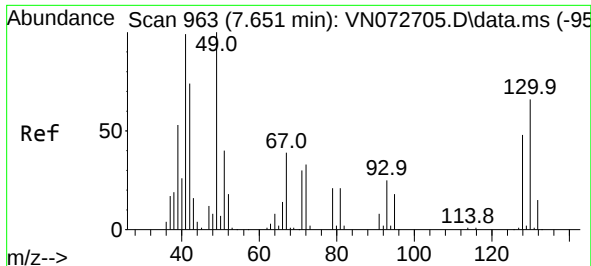


#27
cis-1,2-Dichloroethene
Concen: 0.583 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.012 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



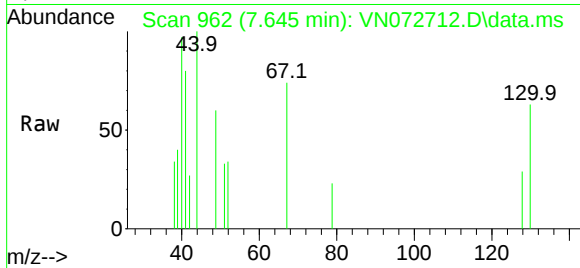
Tgt Ion: 96 Resp: 1730
Ion Ratio Lower Upper
96 100
61 107.2 0.0 280.6
98 49.8 0.0 128.4





#28
Bromochloromethane
Concen: 0.441 ug/l
RT: 7.645 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

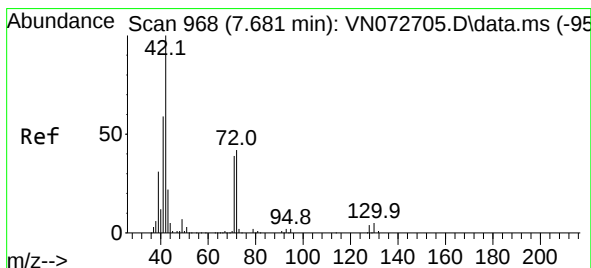
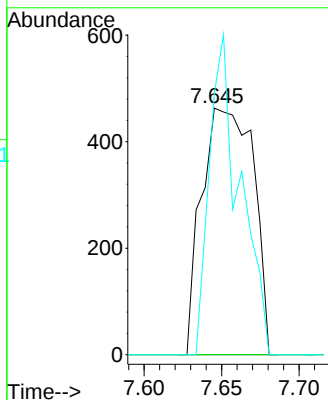
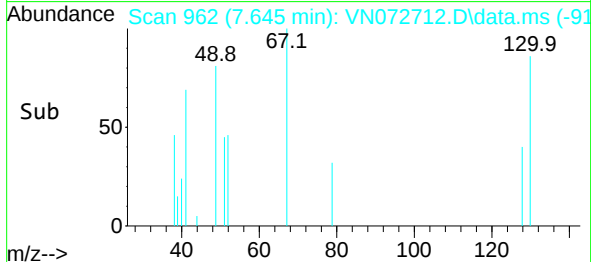
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 49 Resp: 1072
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 76.7 69.7 104.5

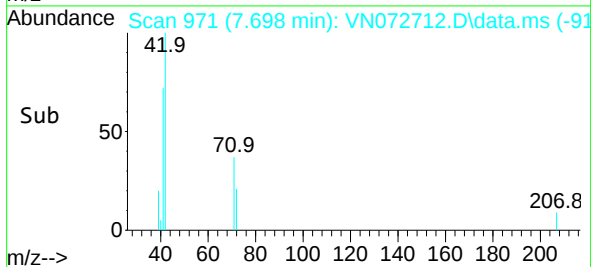
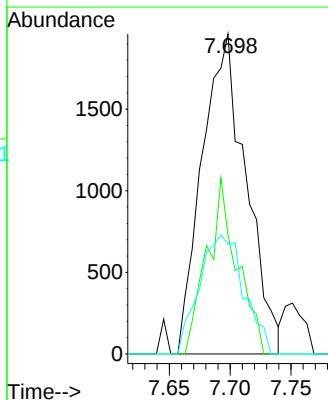
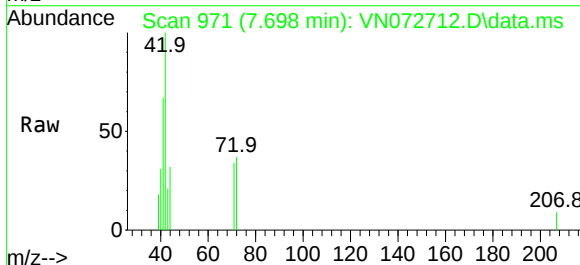
Manual Integrations
APPROVED

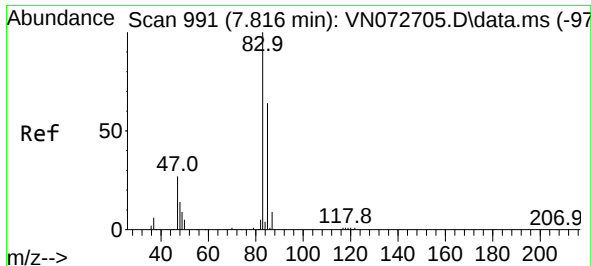
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#29
Tetrahydrofuran
Concen: 2.637 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.017 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

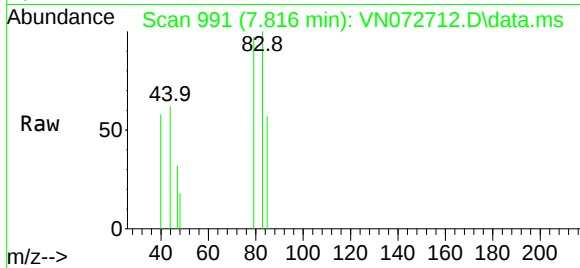
Tgt Ion: 42 Resp: 4947
Ion Ratio Lower Upper
42 100
72 37.7 39.7 59.5#
71 37.7 36.6 55.0





#30
Chloroform
Concen: 0.484 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

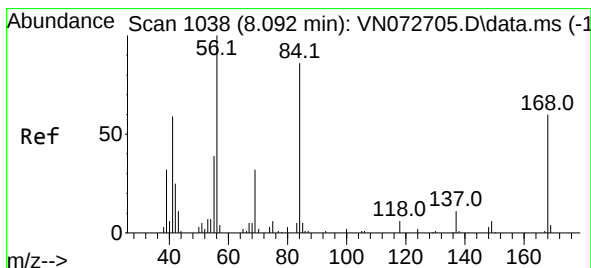
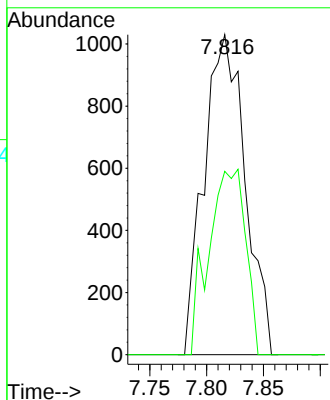
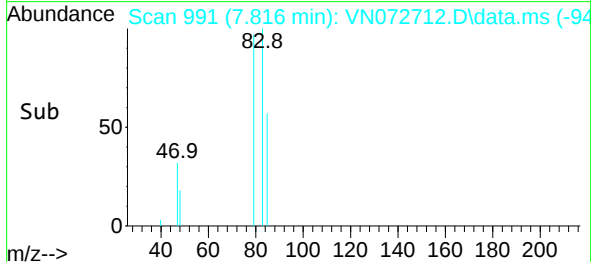
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



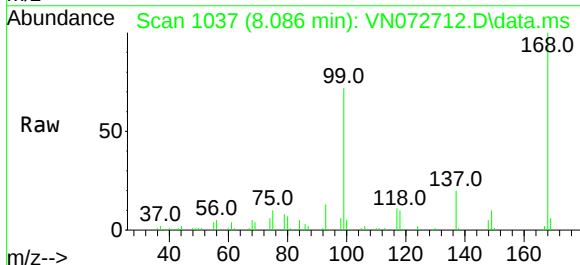
Tgt Ion: 83 Resp: 259
Ion Ratio Lower Upper
83 100
85 57.3 51.8 77.8

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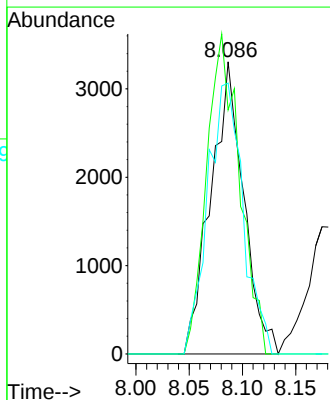
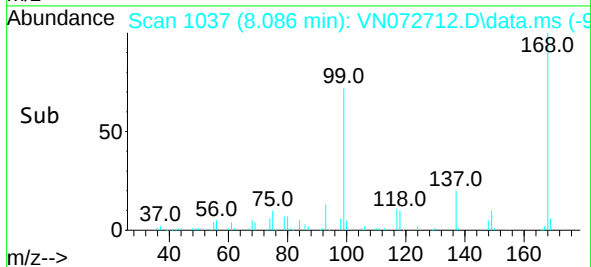
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

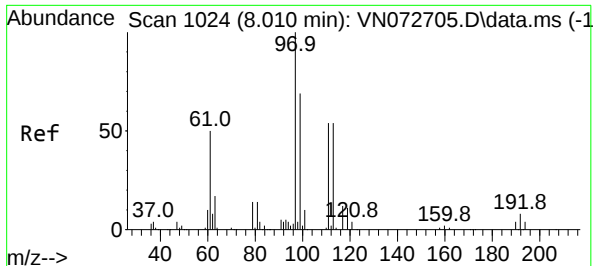


#31
Cyclohexane
Concen: 1.591 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



Tgt Ion: 56 Resp: 7083
Ion Ratio Lower Upper
56 100
69 83.5 27.8 41.8#
84 92.7 76.9 115.3





#32

1,1,1-Trichloroethane

Concen: 0.423 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072712.D

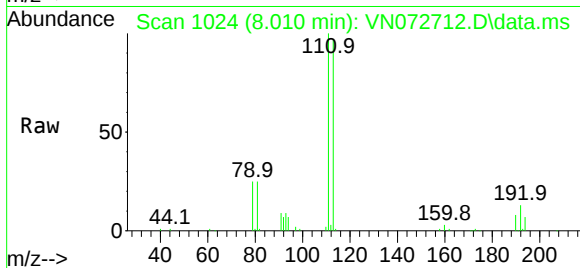
Acq: 08 Jun 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



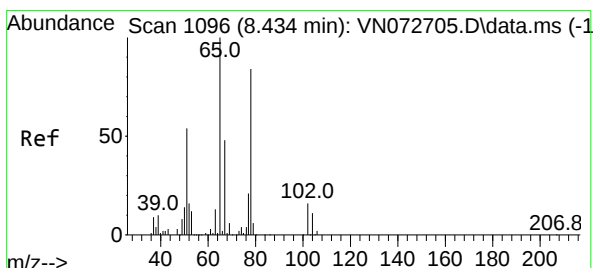
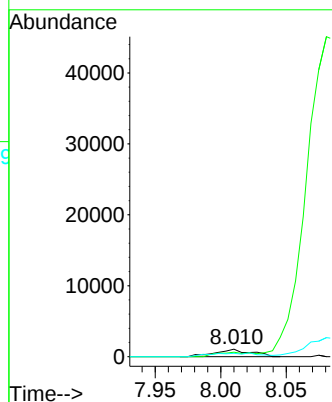
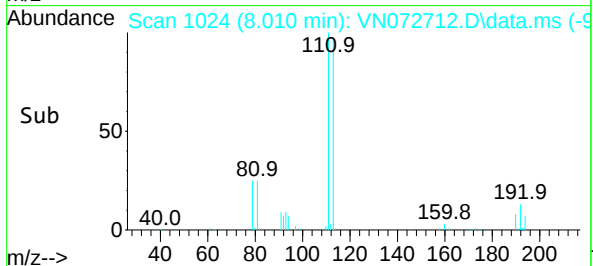
Tgt Ion:	97	Resp:	2004
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0
61	65.5	36.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#33

1,2-Dichloroethane-d4

Concen: 57.600 ug/l

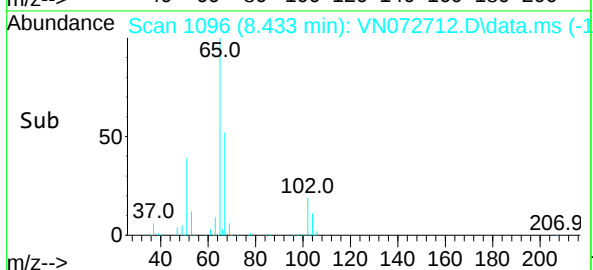
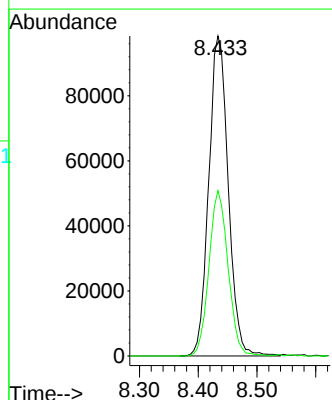
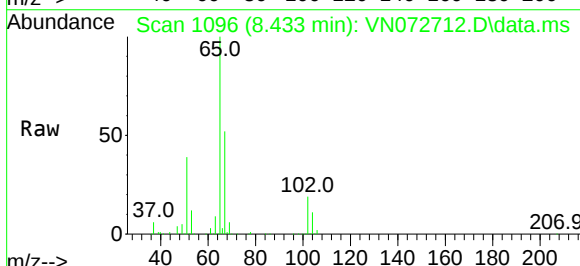
RT: 8.433 min Scan# 1096

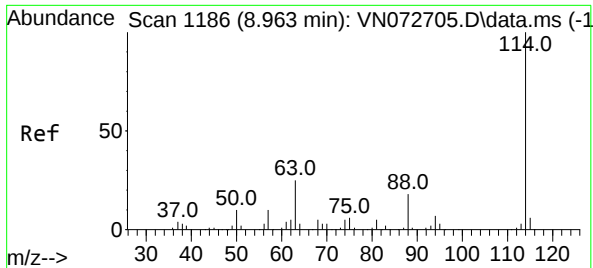
Delta R.T. -0.001 min

Lab File: VN072712.D

Acq: 08 Jun 2022 21:56

Tgt Ion:	65	Resp:	226863
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072712.D

Acq: 08 Jun 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

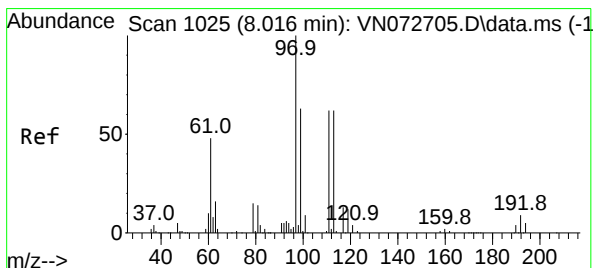
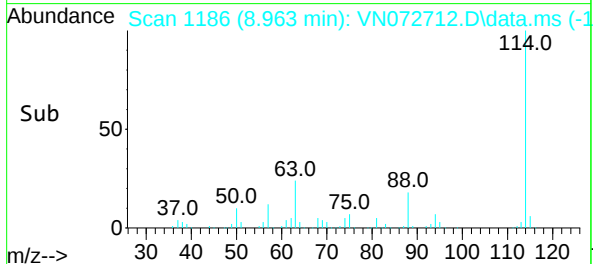
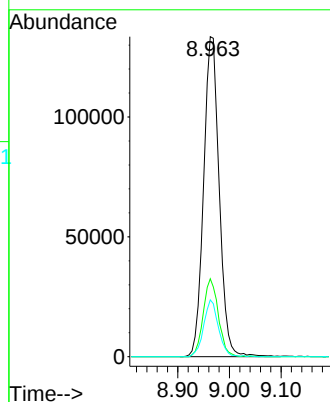
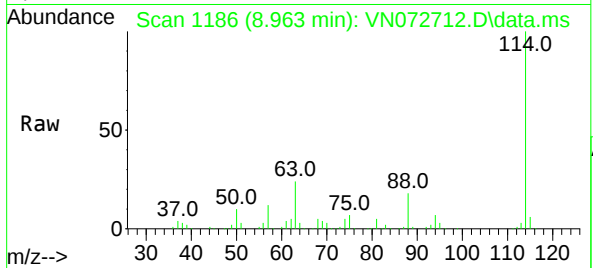
Tgt Ion:114	Resp:	27985
Ion Ratio	Lower	Upper
114	100	
63	24.4	0.0 40.0
88	17.8	0.0 32.6

Manual Integrations

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Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#35

Dibromofluoromethane

Concen: 55.074 ug/l

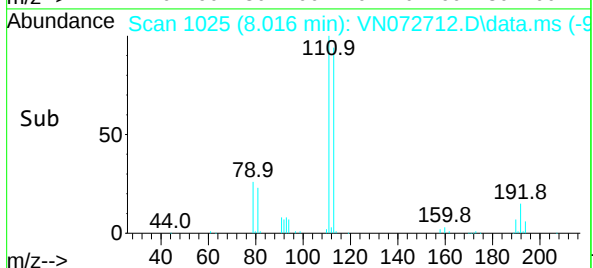
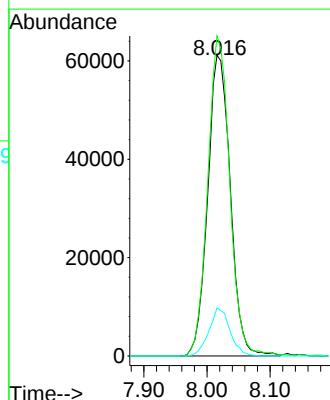
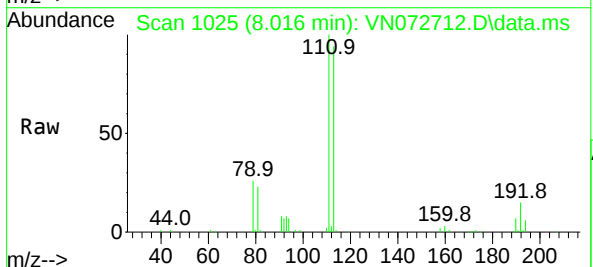
RT: 8.016 min Scan# 1025

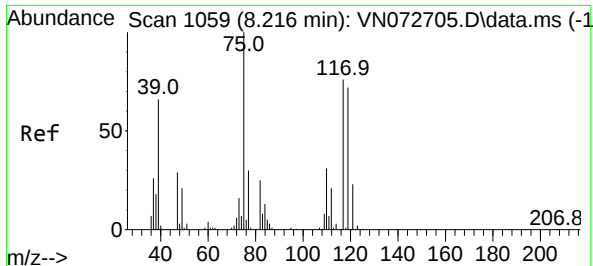
Delta R.T. -0.000 min

Lab File: VN072712.D

Acq: 08 Jun 2022 21:56

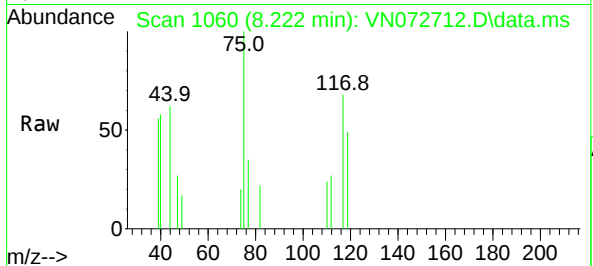
Tgt Ion:113	Resp:	152507
Ion Ratio	Lower	Upper
113	100	
111	103.7	81.4 122.0
192	14.8	17.0 25.6





#36
1,1-Dichloropropene
Concen: 0.479 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

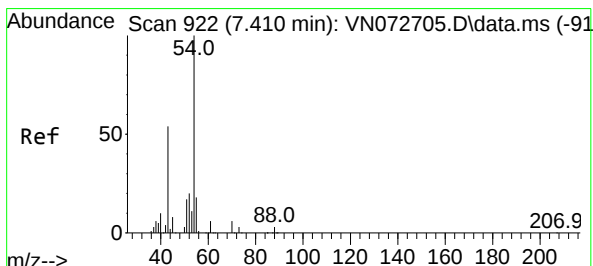
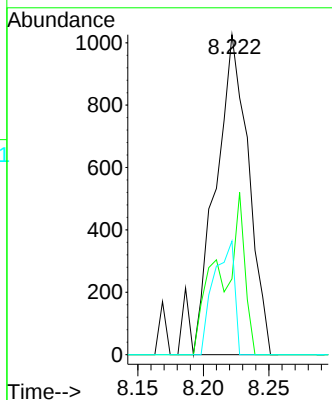
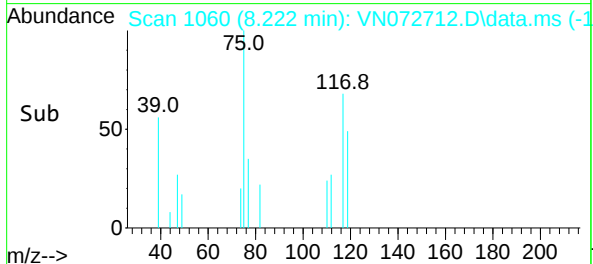
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



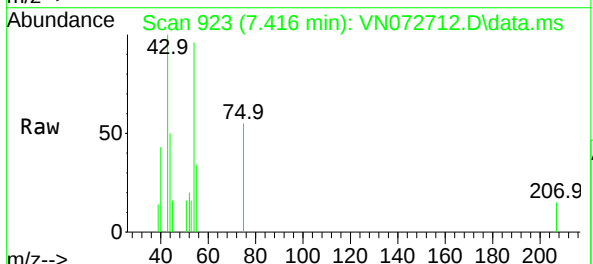
Tgt Ion: 75 Resp: 1840
Ion Ratio Lower Upper
75 100
110 18.0 18.3 54.8#
77 21.7 25.1 37.7#

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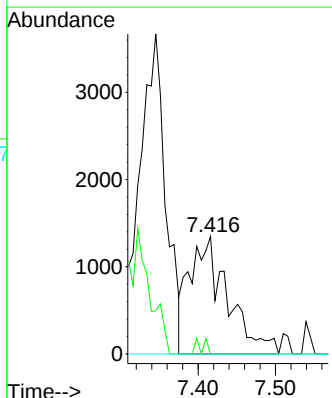
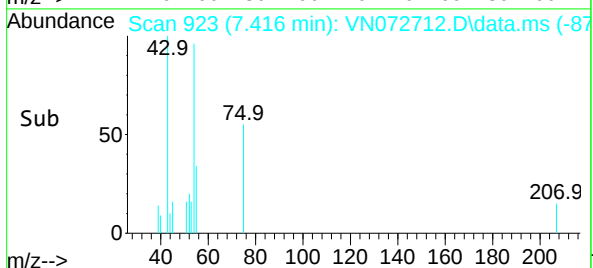
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

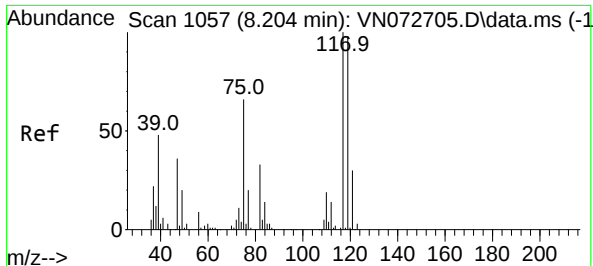


#37
Ethyl Acetate
Concen: 0.778 ug/l m
RT: 7.416 min Scan# 923
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



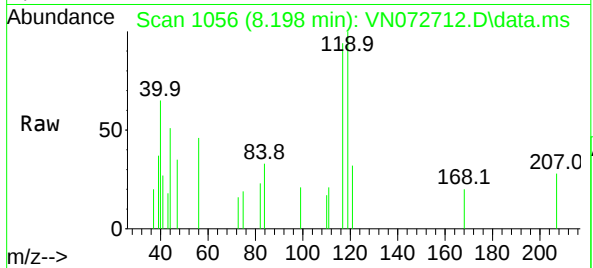
Tgt Ion: 43 Resp: 4647
Ion Ratio Lower Upper
43 100
61 2.7 11.8 17.6#
70 0.0 9.3 13.9#





#38
Carbon Tetrachloride
Concen: 0.483 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

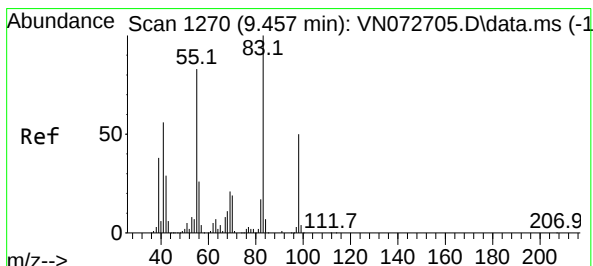
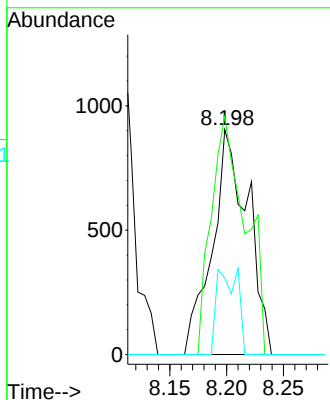
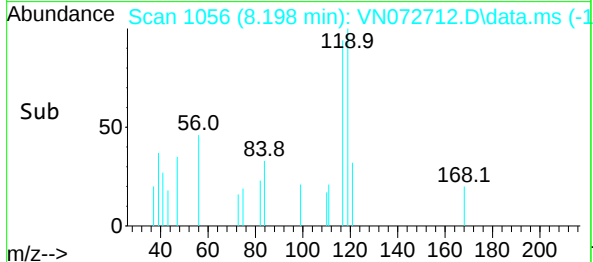
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



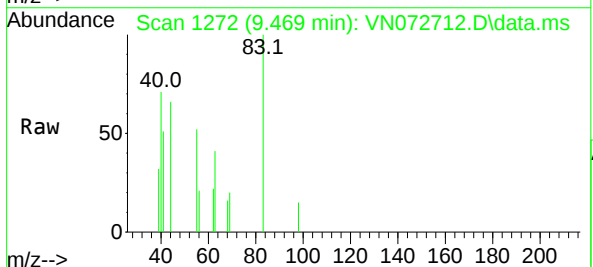
Tgt Ion: 117 Resp: 198
Ion Ratio Lower Upper
117 100
119 105.9 75.8 113.8
121 34.1 24.6 37.0

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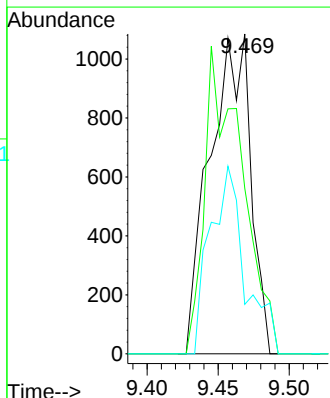
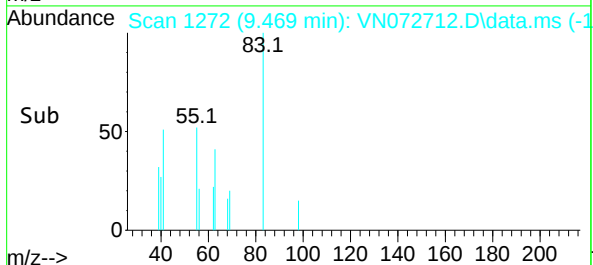
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

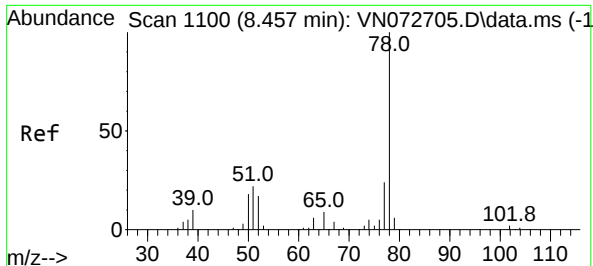


#39
Methylcyclohexane
Concen: 0.483 ug/l
RT: 9.469 min Scan# 1272
Delta R.T. 0.012 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



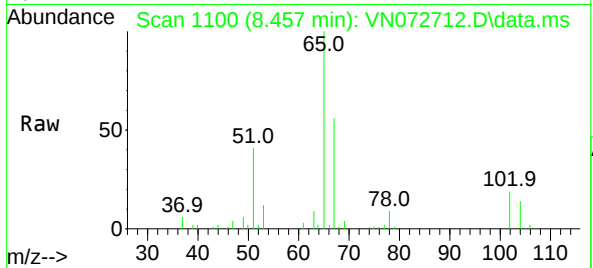
Tgt Ion: 83 Resp: 2156
Ion Ratio Lower Upper
83 100
55 51.8 57.8 86.8#
98 15.5 39.4 59.2#





#40
Benzene
Concen: 0.511 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

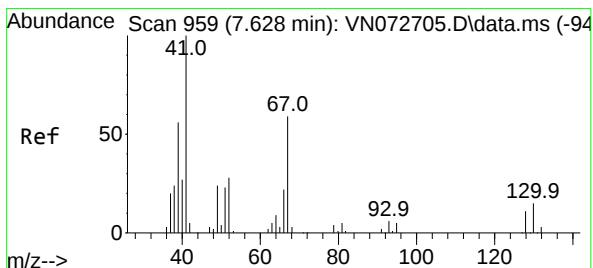
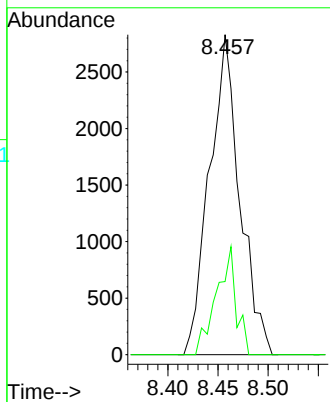
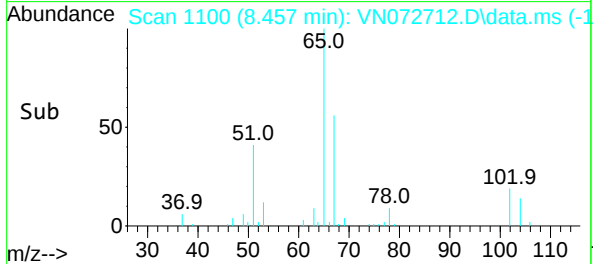
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 78 Resp: 5960
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0

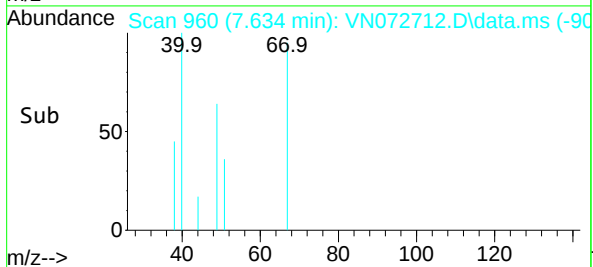
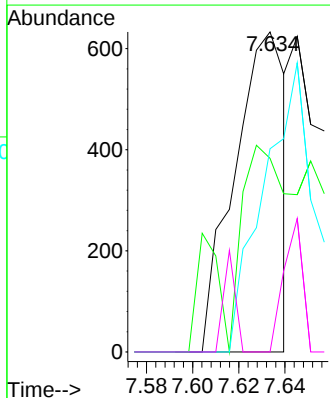
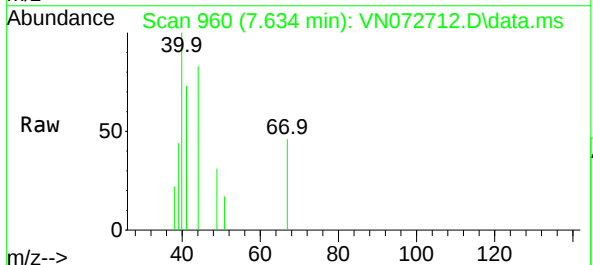
Manual Integrations
APPROVED

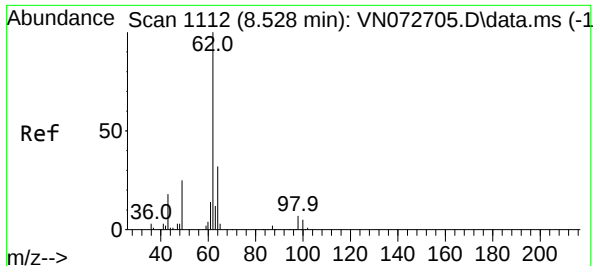
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#41
Methacrylonitrile
Concen: 0.482 ug/l m
RT: 7.634 min Scan# 960
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

Tgt Ion: 41 Resp: 971
Ion Ratio Lower Upper
41 100
39 78.5 48.6 73.0#
67 0.0 73.4 110.2#
52 7.3 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 0.603 ug/l

RT: 8.528 min Scan# 1112

Delta R.T. -0.000 min

Lab File: VN072712.D

Acq: 08 Jun 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

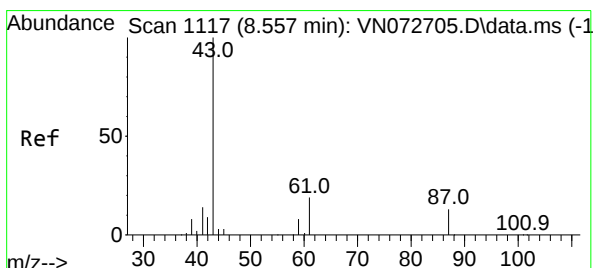
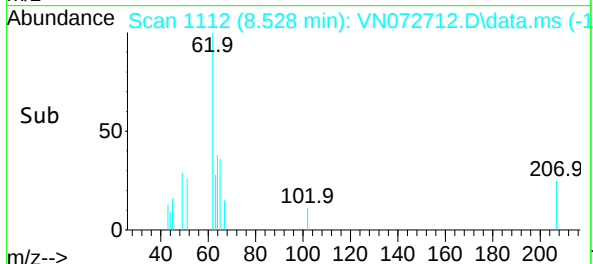
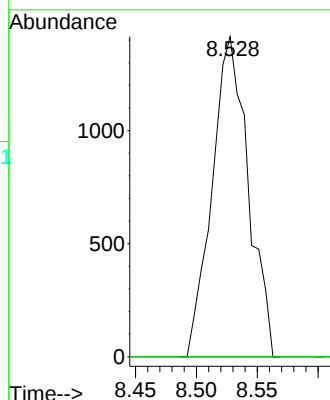
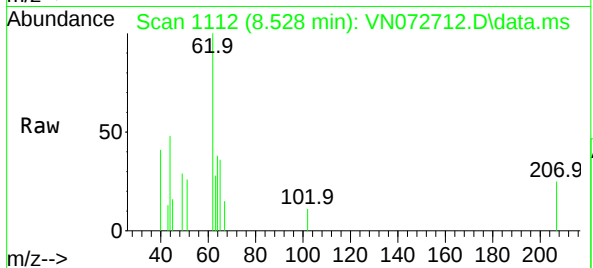
Tgt Ion: 62 Resp: 2915
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 19.4

Manual Integrations

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Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#43

Isopropyl Acetate

Concen: 0.513 ug/l

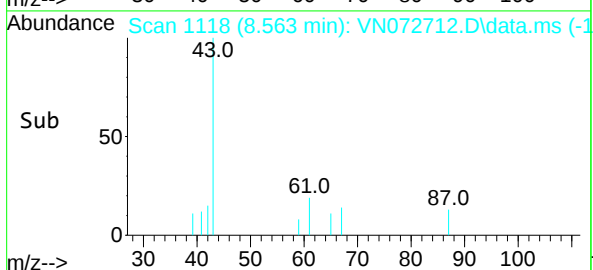
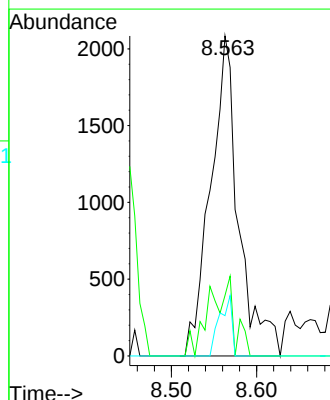
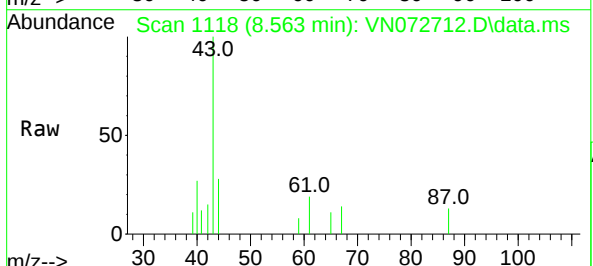
RT: 8.563 min Scan# 1118

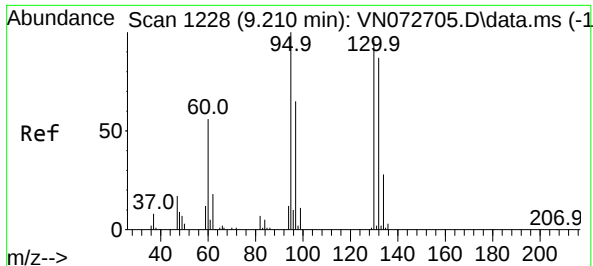
Delta R.T. 0.006 min

Lab File: VN072712.D

Acq: 08 Jun 2022 21:56

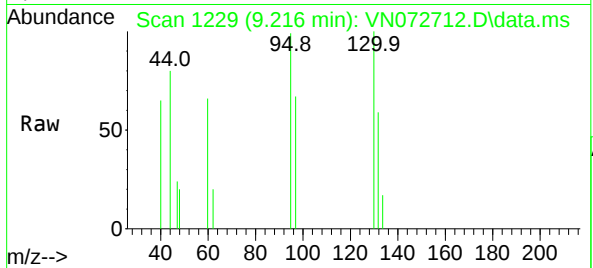
Tgt Ion: 43 Resp: 4768
 Ion Ratio Lower Upper
 43 100
 61 0.0 21.9 32.9#
 87 8.2 12.0 18.0#





#44
Trichloroethene
Concen: 0.551 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

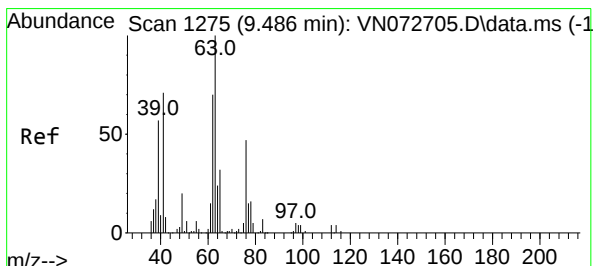
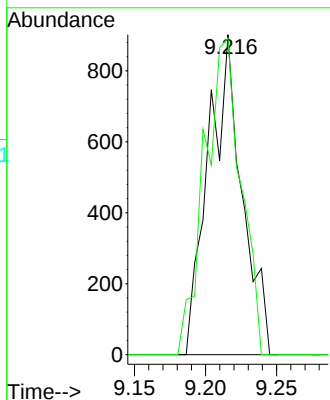
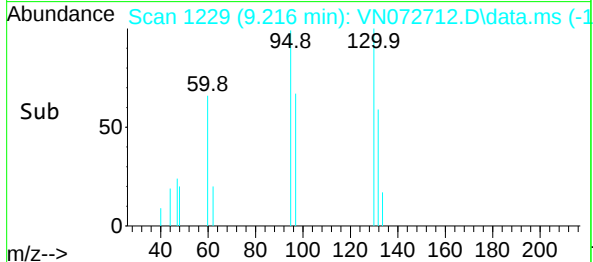
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



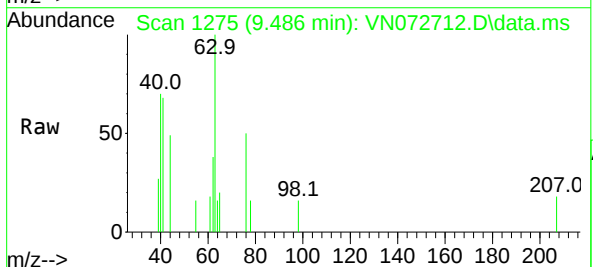
Tgt Ion:130 Resp: 1498
Ion Ratio Lower Upper
130 100
95 99.0 0.0 186.8

Manual Integrations
APPROVED

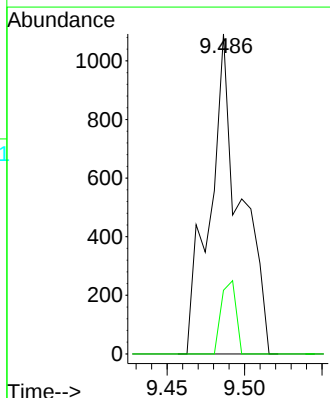
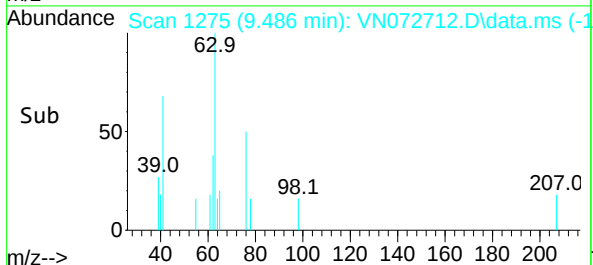
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

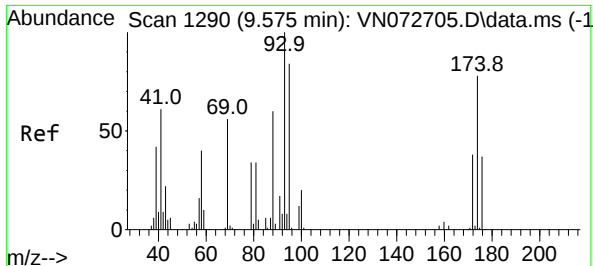


#45
1,2-Dichloropropane
Concen: 0.475 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



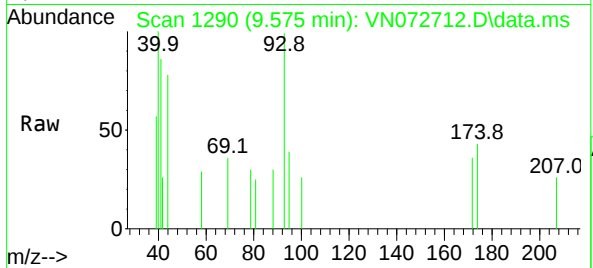
Tgt Ion: 63 Resp: 1498
Ion Ratio Lower Upper
63 100
65 19.9 24.9 37.3#





#46
Dibromomethane
Concen: 0.478 ug/l
RT: 9.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

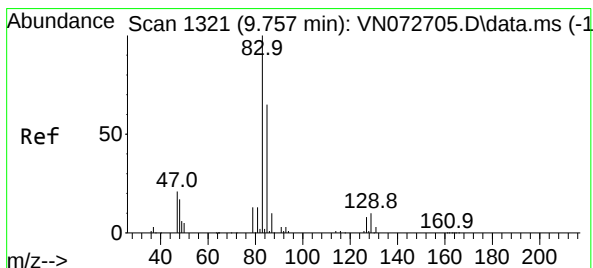
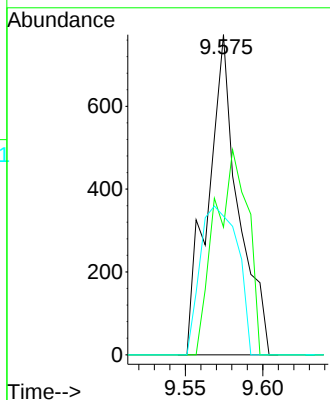
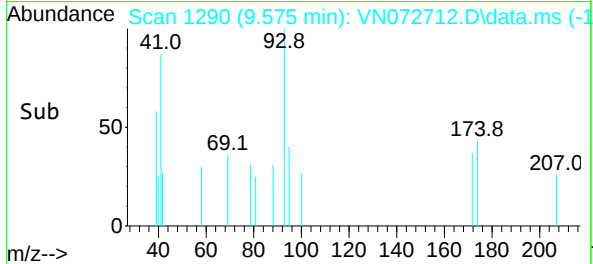
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



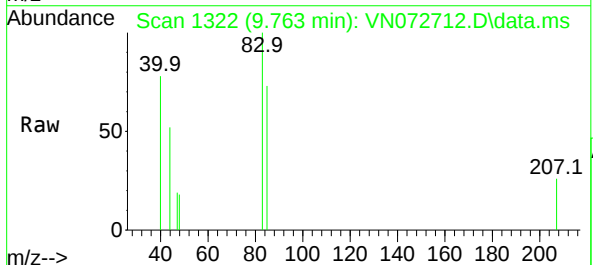
Tgt Ion: 93 Resp: 1054
Ion Ratio Lower Upper
93 100
95 69.4 66.9 100.3
174 57.4 86.6 130.0

Manual Integrations
APPROVED

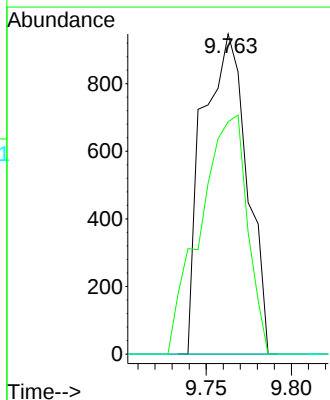
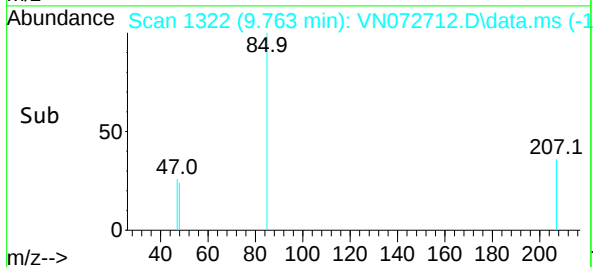
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

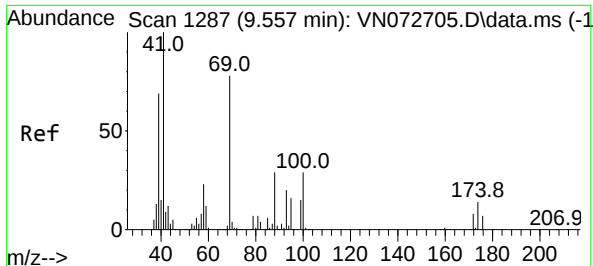


#47
Bromodichloromethane
Concen: 0.379 ug/l
RT: 9.763 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



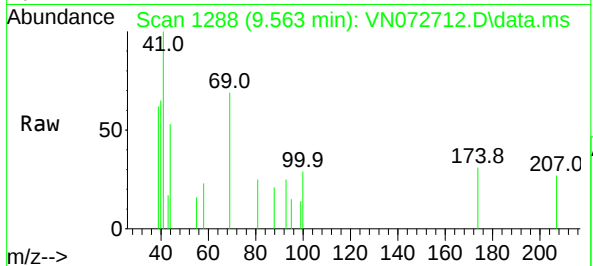
Tgt Ion: 83 Resp: 1716
Ion Ratio Lower Upper
83 100
85 72.5 50.5 75.7
127 0.0 6.8 10.2





#48
Methyl methacrylate
Concen: 0.466 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

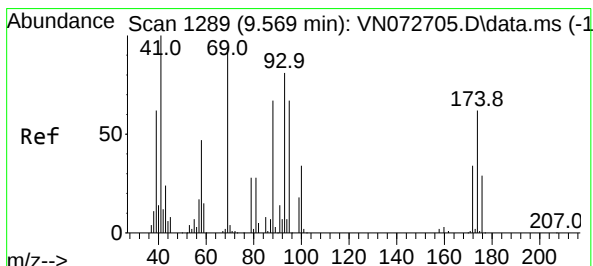
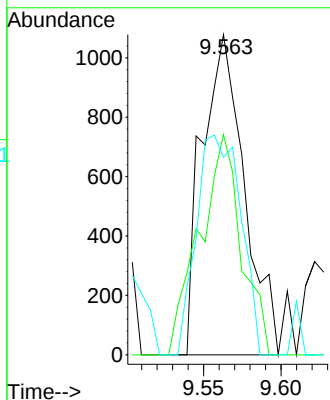
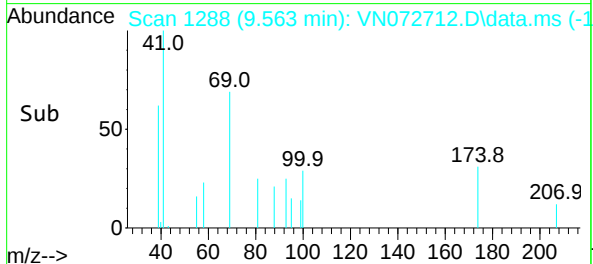
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



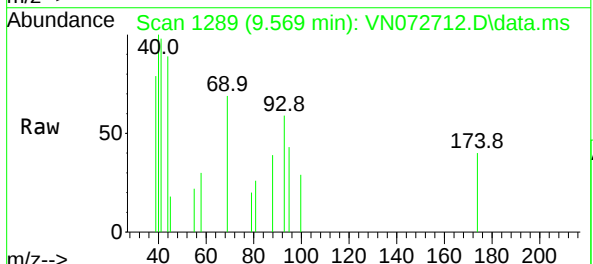
Tgt Ion: 41 Resp: 205
Ion Ratio Lower Upper
41 100
69 67.7 74.7 112.1
39 71.9 45.6 68.4

Manual Integrations
APPROVED

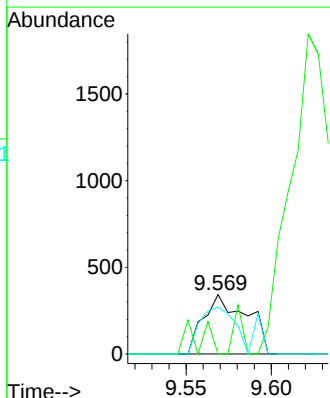
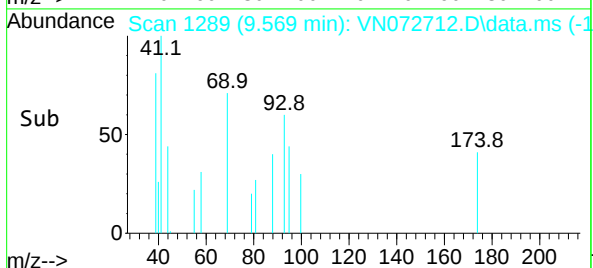
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

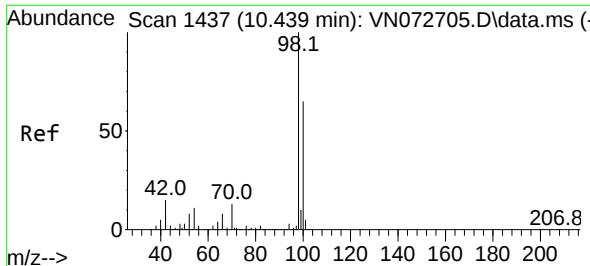


#49
1,4-Dioxane
Concen: 7.497 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



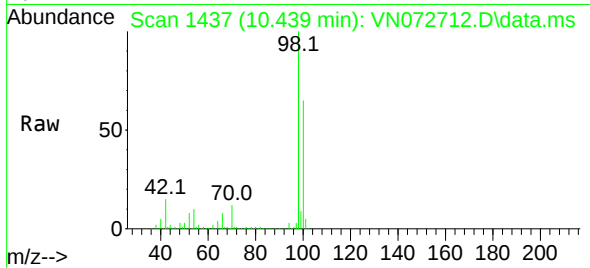
Tgt Ion: 88 Resp: 603
Ion Ratio Lower Upper
88 100
43 22.4 20.2 30.4
58 63.7 54.2 81.4





#50
Toluene-d8
Concen: 52.871 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

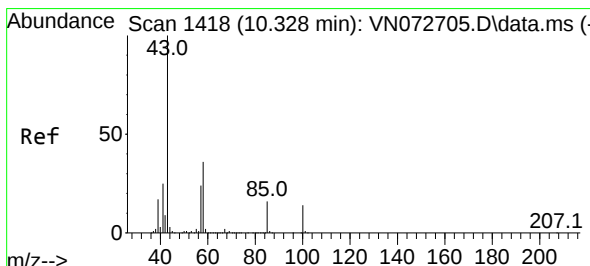
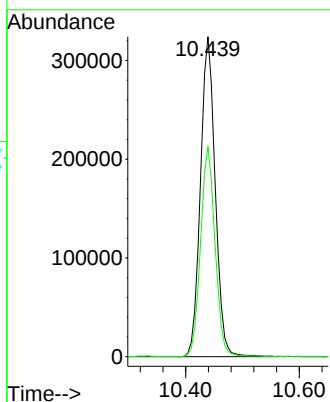
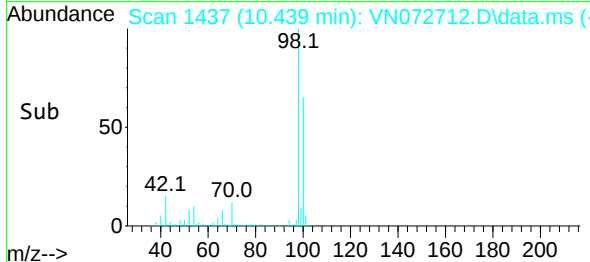
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



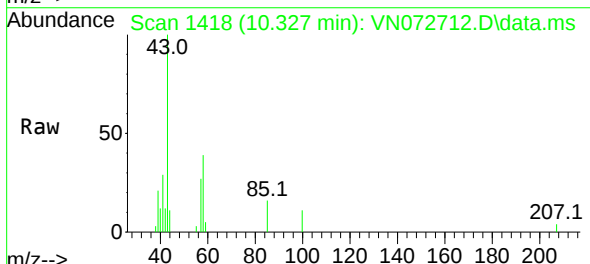
Tgt Ion: 98 Resp: 58413
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

Manual Integrations
APPROVED

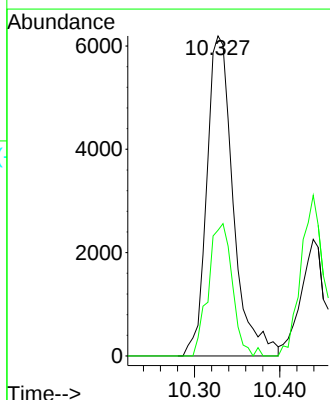
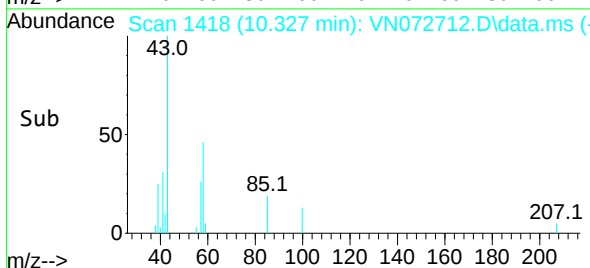
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

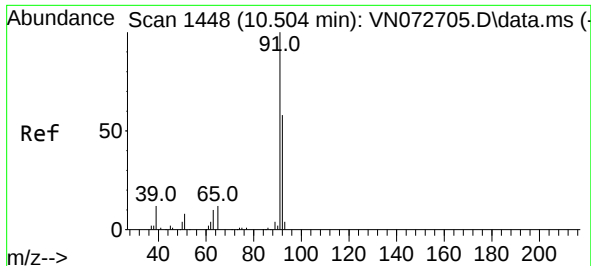


#51
4-Methyl-2-Pentanone
Concen: 2.204 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



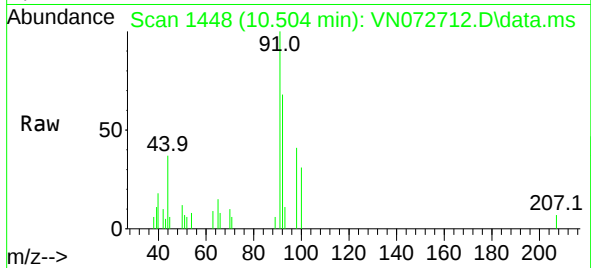
Tgt Ion: 43 Resp: 13348
Ion Ratio Lower Upper
43 100
58 37.6 34.1 51.1





#52
Toluene
Concen: 0.518 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

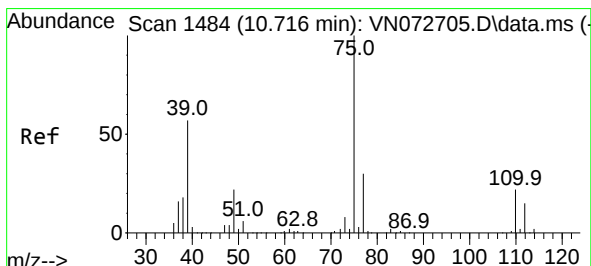
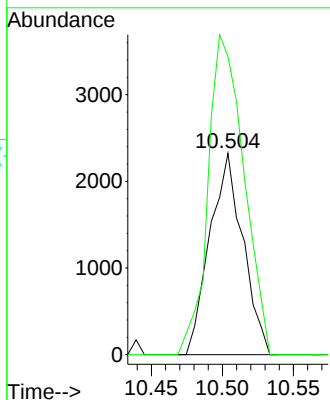
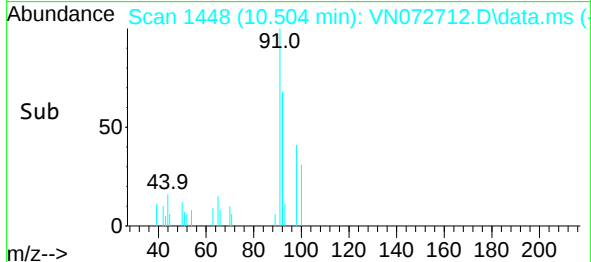
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



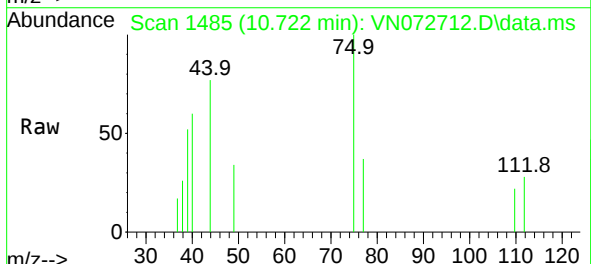
Tgt Ion: 92 Resp: 3770
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8

Manual Integrations
APPROVED

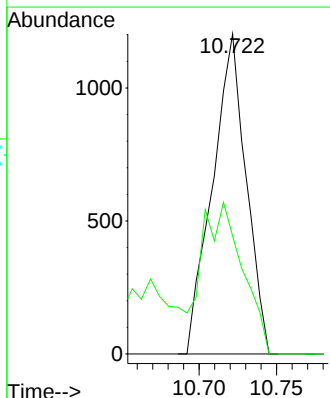
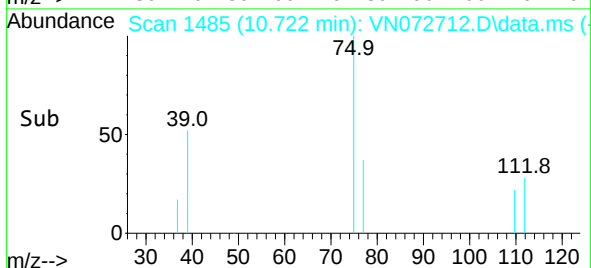
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

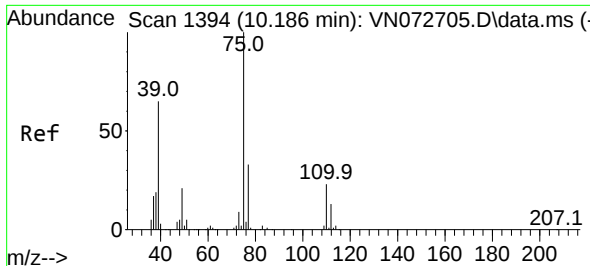


#53
t-1,3-Dichloropropene
Concen: 0.360 ug/l
RT: 10.722 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



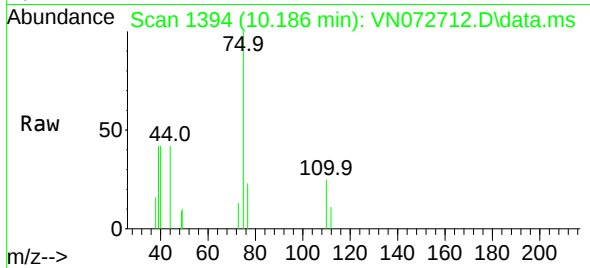
Tgt Ion: 75 Resp: 1812
Ion Ratio Lower Upper
75 100
77 36.9 25.6 38.4





#54
cis-1,3-Dichloropropene
Concen: 0.450 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

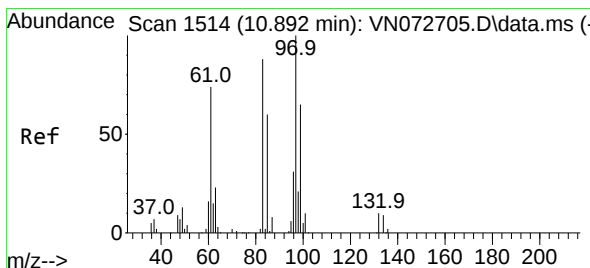
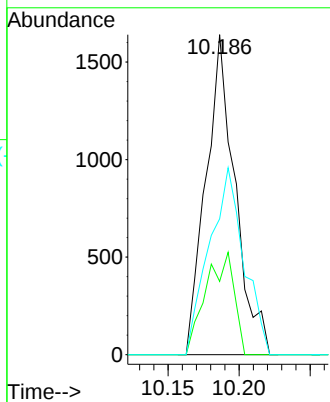
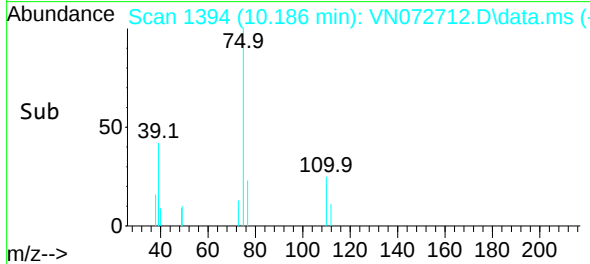
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 75 Resp: 234
Ion Ratio Lower Upper
75 100
77 22.9 25.2 37.8#
39 42.4 35.7 53.5#

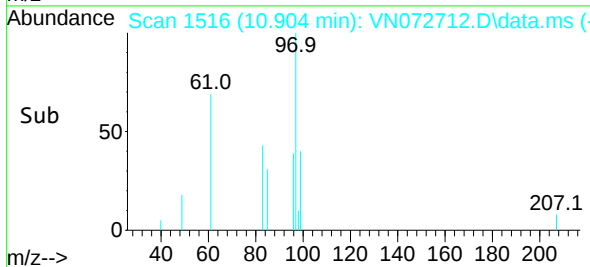
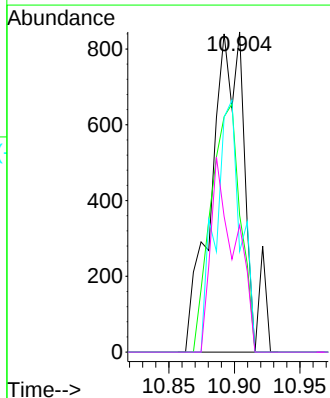
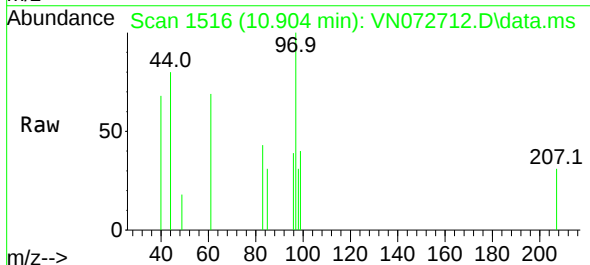
Manual Integrations
APPROVED

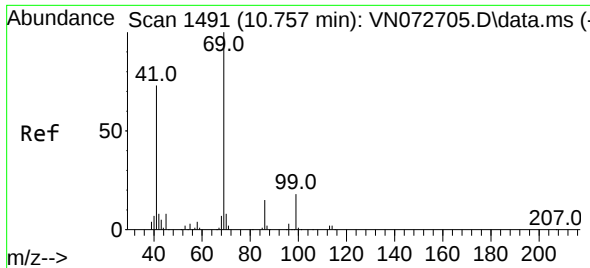
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#55
1,1,2-Trichloroethane
Concen: 0.486 ug/l
RT: 10.904 min Scan# 1516
Delta R.T. 0.012 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

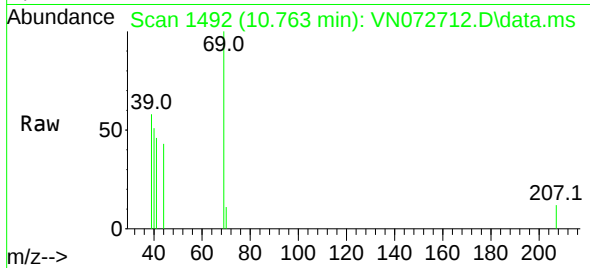
Tgt Ion: 97 Resp: 1528
Ion Ratio Lower Upper
97 100
83 42.7 66.2 99.4#
85 31.5 43.9 65.9#
99 39.6 50.6 76.0#





#56
Ethyl methacrylate
Concen: 0.373 ug/l
RT: 10.763 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

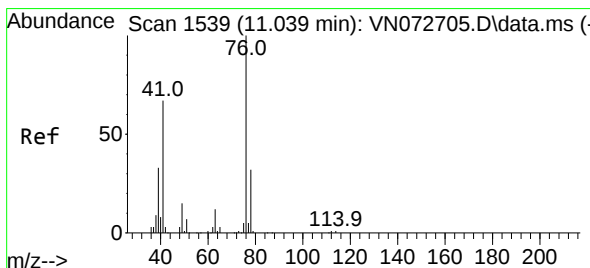
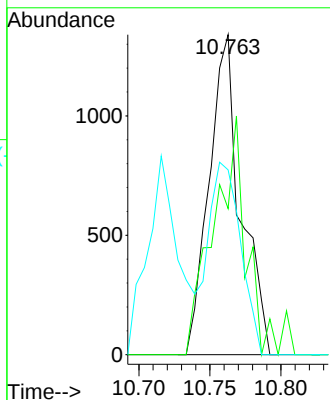
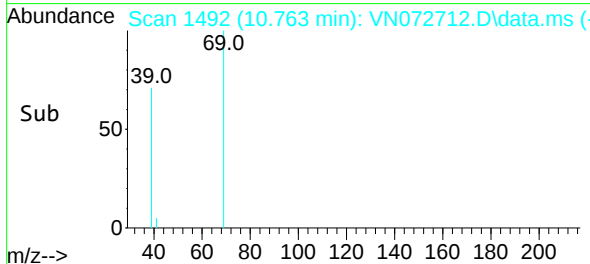
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 69 Resp: 2073
Ion Ratio Lower Upper
69 100
41 74.8 47.8 71.6
39 61.7 27.3 40.9

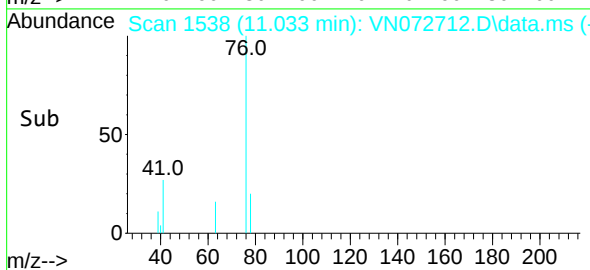
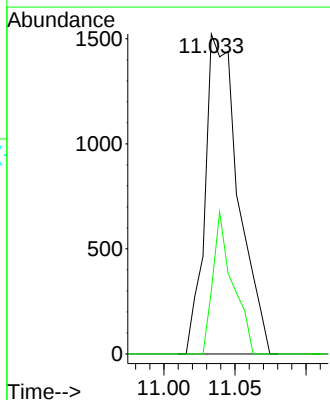
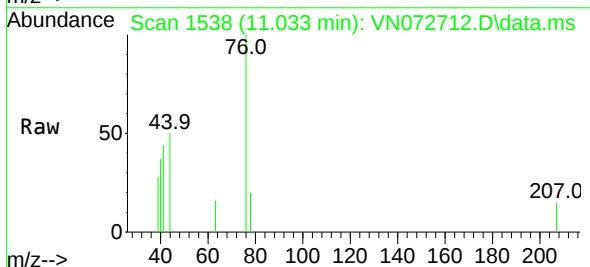
Manual Integrations
APPROVED

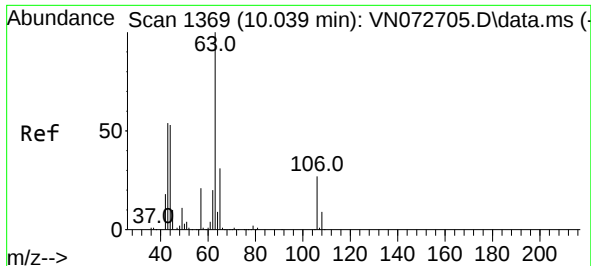
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#57
1,3-Dichloropropane
Concen: 0.441 ug/l
RT: 11.033 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

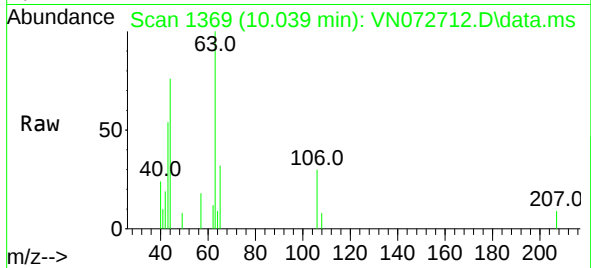
Tgt Ion: 76 Resp: 2473
Ion Ratio Lower Upper
76 100
78 26.5 26.2 39.2





#58
2-Chloroethyl Vinyl ether
Concen: 1.507 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

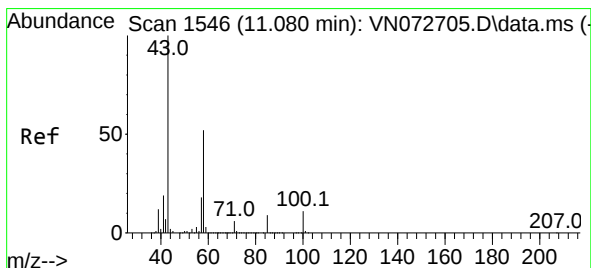
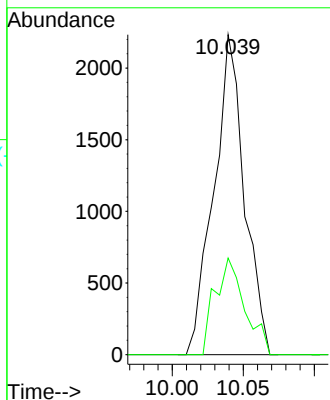
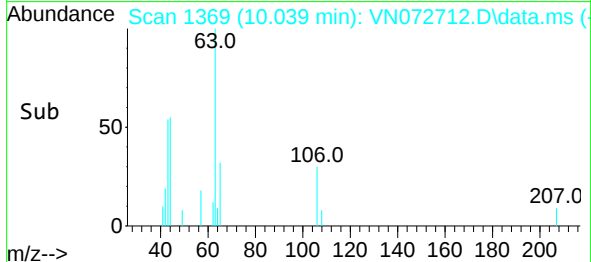
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



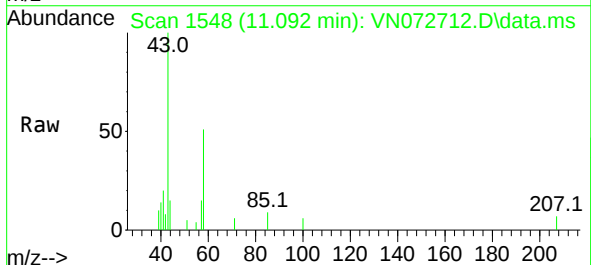
Tgt Ion: 63 Resp: 3338
Ion Ratio Lower Upper
63 100
106 29.4 24.6 36.8

Manual Integrations
APPROVED

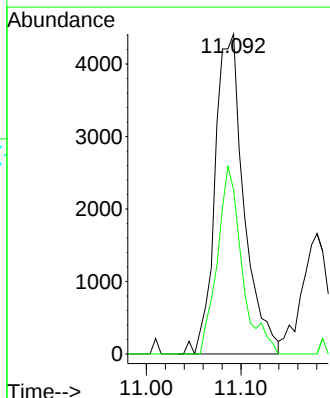
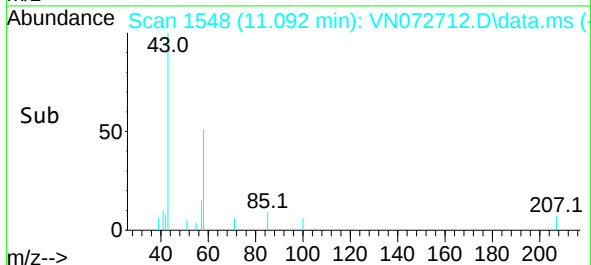
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

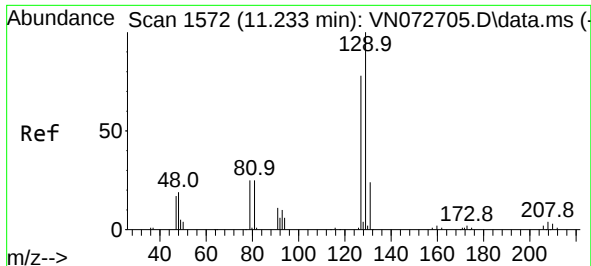


#59
2-Hexanone
Concen: 2.100 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



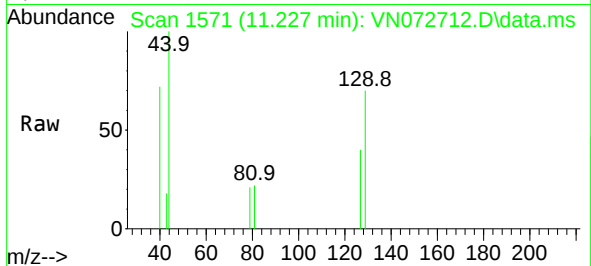
Tgt Ion: 43 Resp: 9351
Ion Ratio Lower Upper
43 100
58 50.0 29.7 89.1





#60
Dibromochloromethane
Concen: 0.408 ug/l
RT: 11.227 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

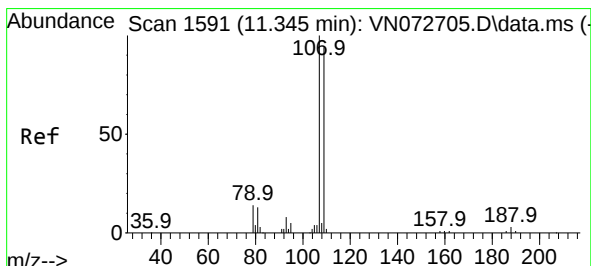
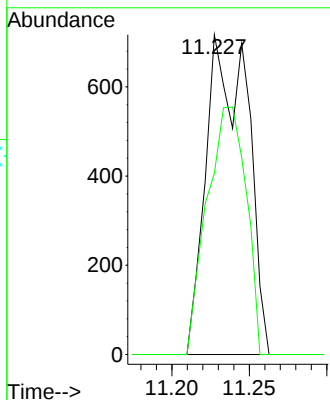
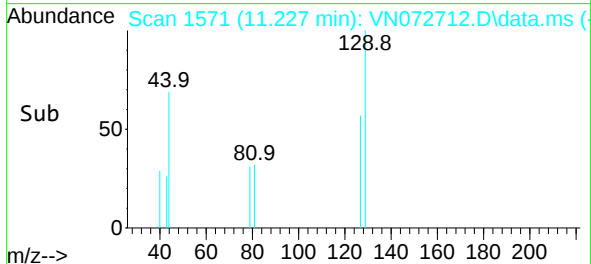
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



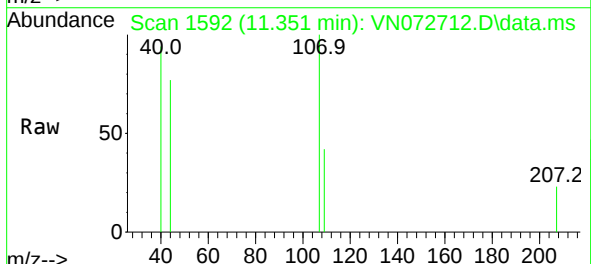
Tgt Ion:129 Resp: 1332
Ion Ratio Lower Upper
129 100
127 73.0 38.8 116.4

Manual Integrations
APPROVED

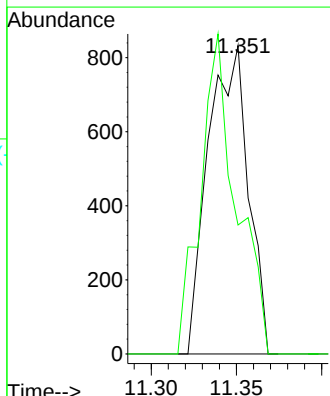
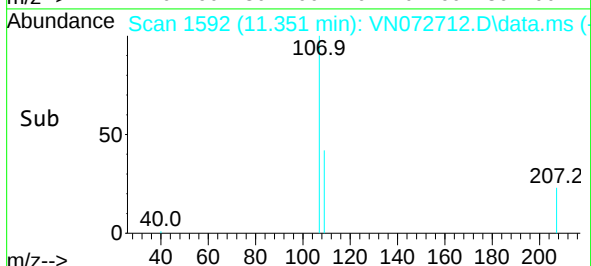
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

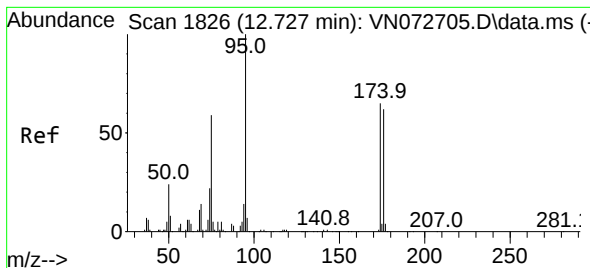


#61
1,2-Dibromoethane
Concen: 0.423 ug/l
RT: 11.351 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



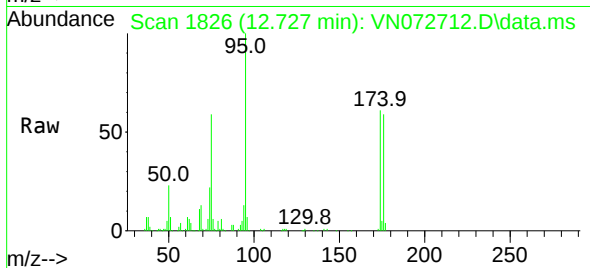
Tgt Ion:107 Resp: 1363
Ion Ratio Lower Upper
107 100
109 92.1 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 44.678 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

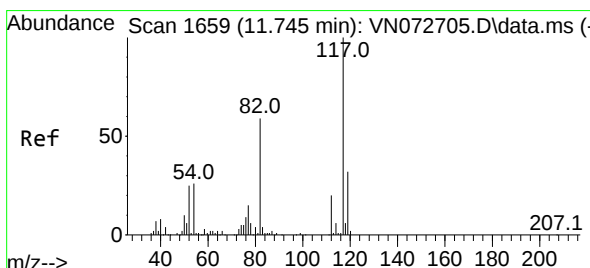
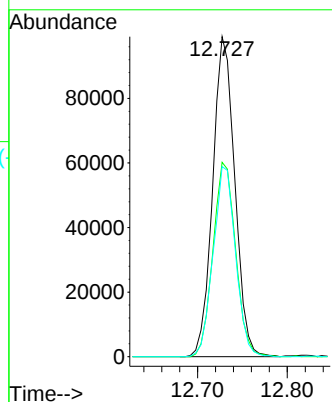
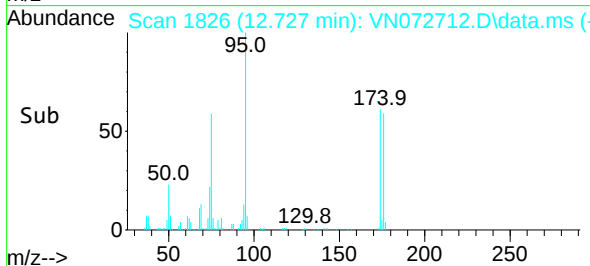
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



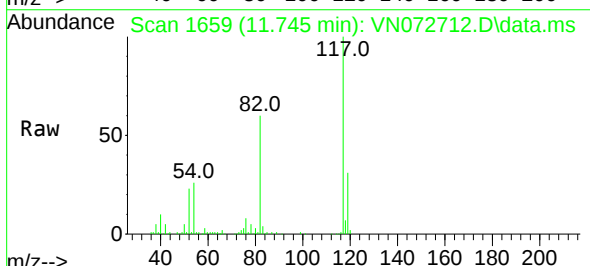
Tgt Ion: 95 Resp: 16938
Ion Ratio Lower Upper
95 100
174 62.3 0.0 167.6
176 60.1 0.0 163.4

Manual Integrations
APPROVED

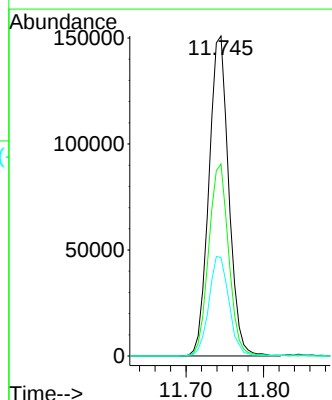
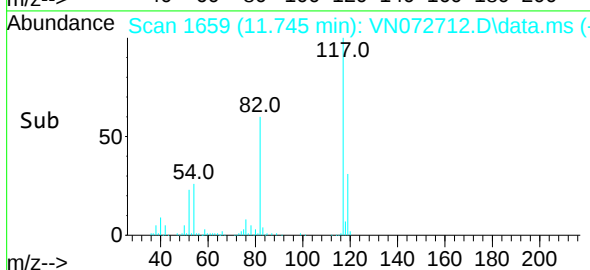
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

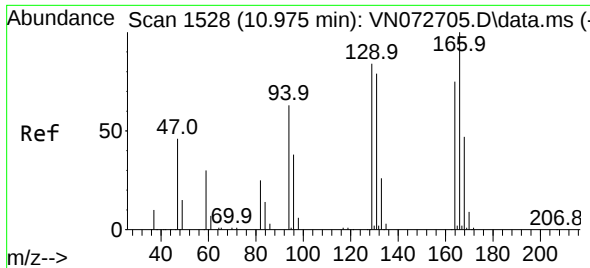


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



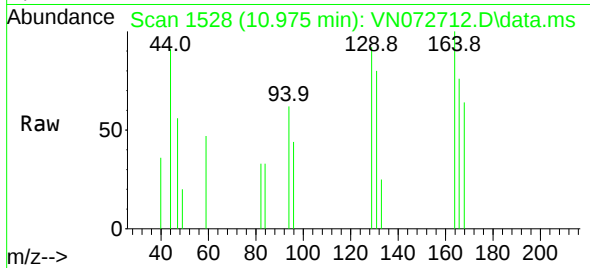
Tgt Ion:117 Resp: 268562
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 30.8 25.4 38.0





#64
Tetrachloroethene
Concen: 0.492 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

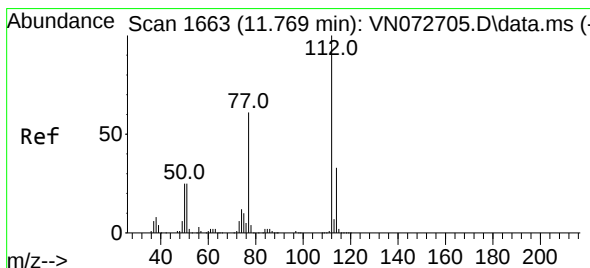
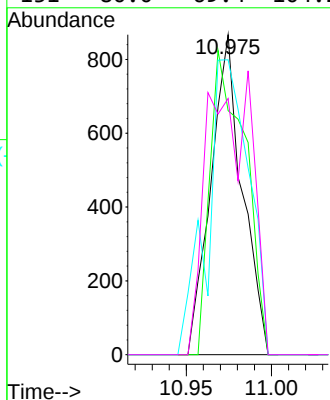
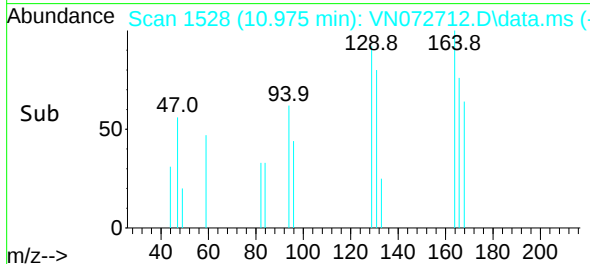
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:164 Resp: 111
Ion Ratio Lower Upper
164 100
166 76.2 104.2 156.2
129 92.2 73.9 110.9
131 80.0 69.4 104.2

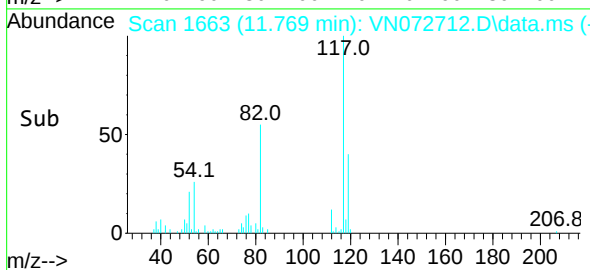
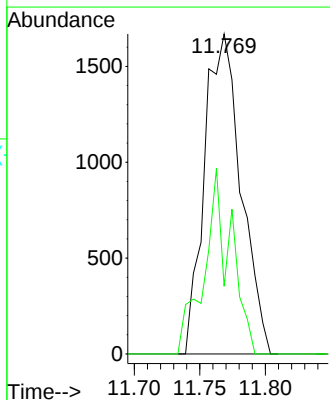
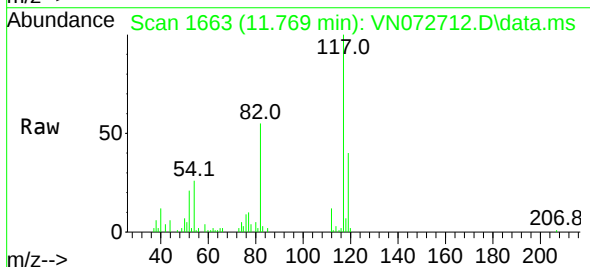
Manual Integrations
APPROVED

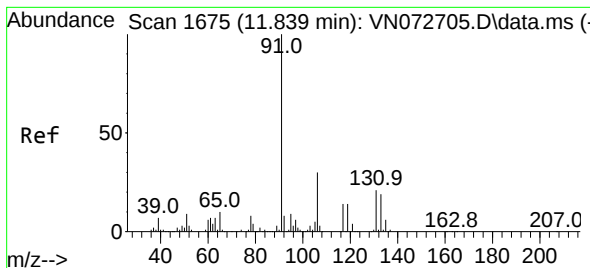
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#65
Chlorobenzene
Concen: 0.452 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

Tgt Ion:112 Resp: 3237
Ion Ratio Lower Upper
112 100
114 21.2 25.4 38.2#





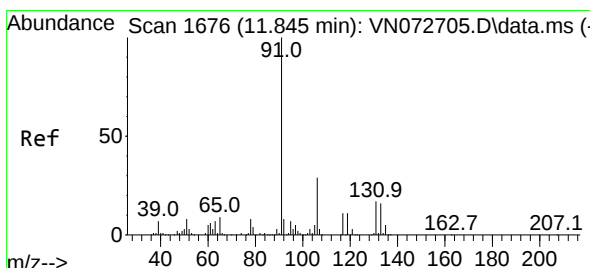
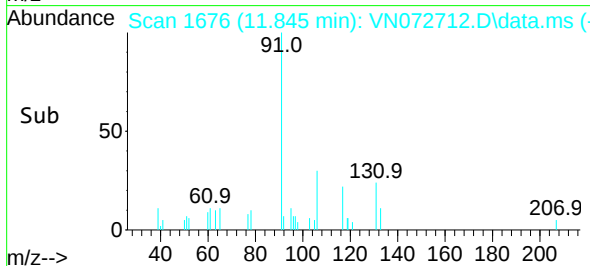
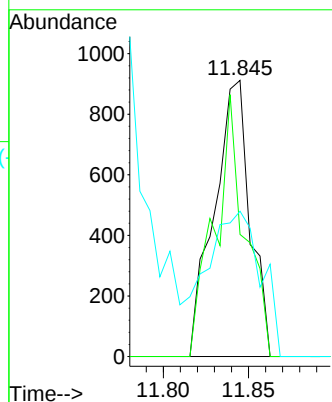
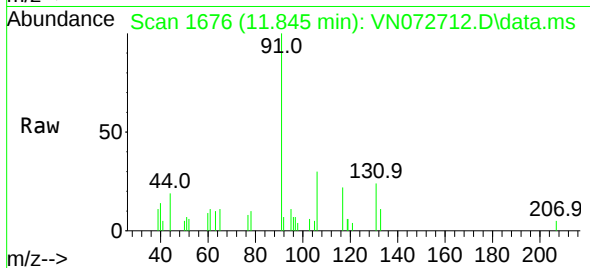
#66
1,1,1,2-Tetrachloroethane
Concen: 0.470 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:131 Resp: 133
Ion Ratio Lower Upper
131 100
133 80.3 47.8 143.4
119 0.0 33.4 100.2

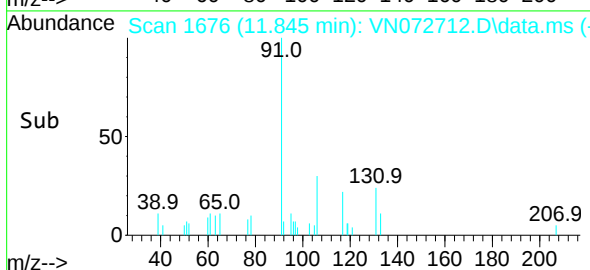
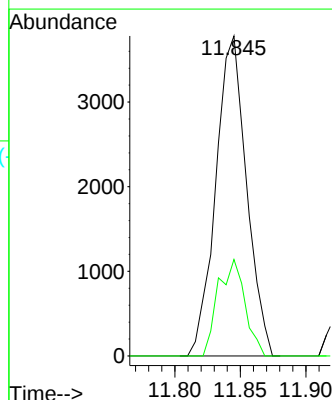
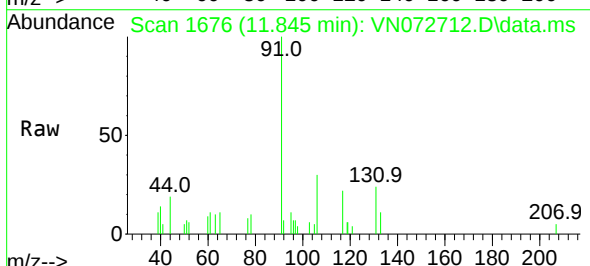
Manual Integrations
APPROVED

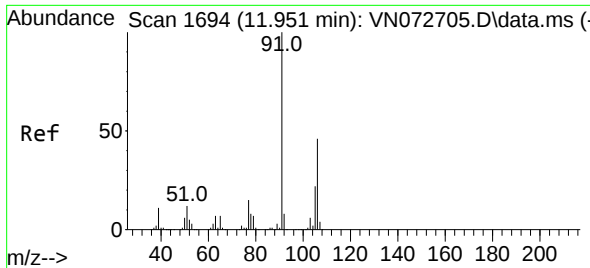
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#67
Ethyl Benzene
Concen: 0.458 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

Tgt Ion: 91 Resp: 6165
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3





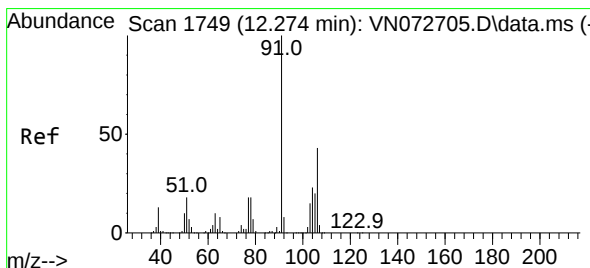
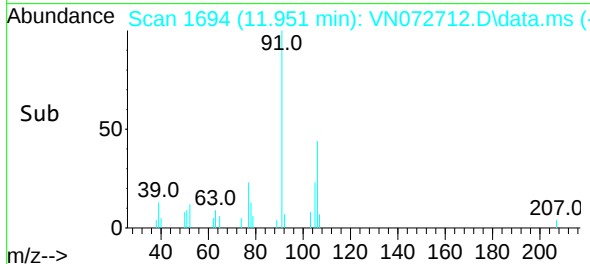
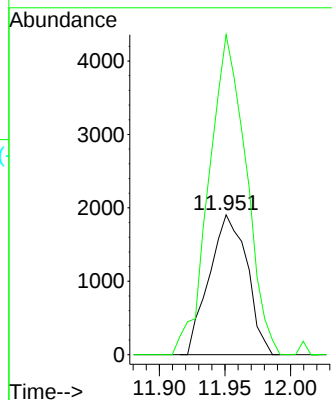
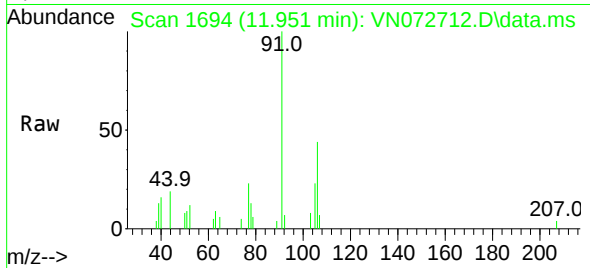
#68
m/p-Xylenes
Concen: 0.798 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:106 Resp: 3818
Ion Ratio Lower Upper
106 100
91 225.1 158.9 238.3

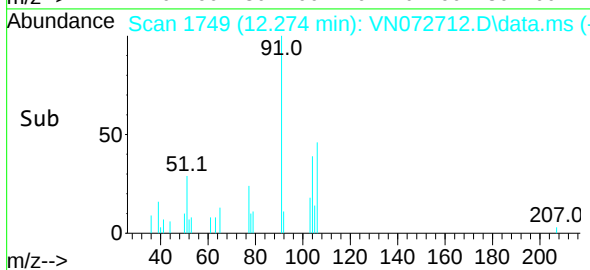
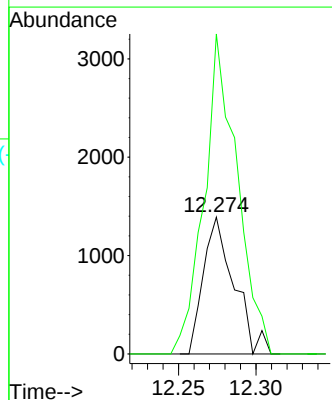
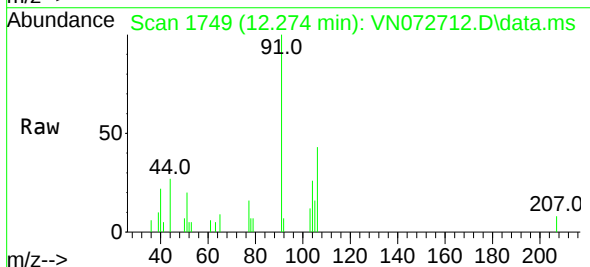
Manual Integrations
APPROVED

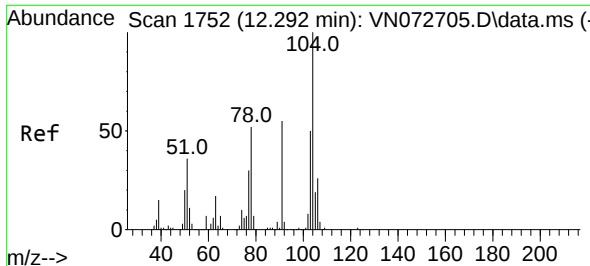
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#69
o-Xylene
Concen: 0.398 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

Tgt Ion:106 Resp: 1911
Ion Ratio Lower Upper
106 100
91 251.7 106.0 318.0





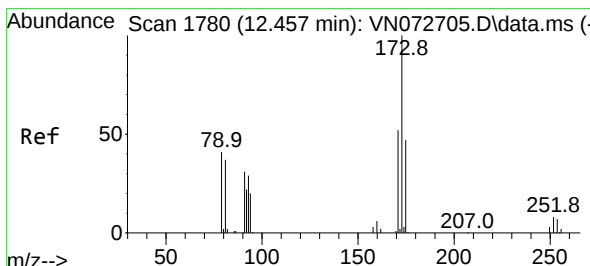
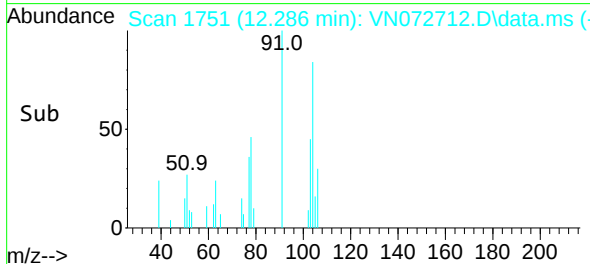
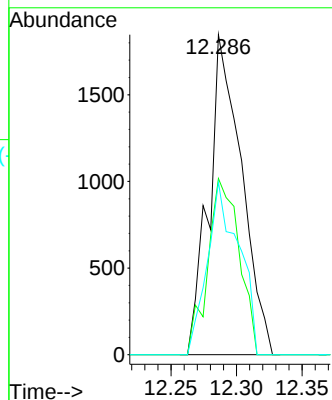
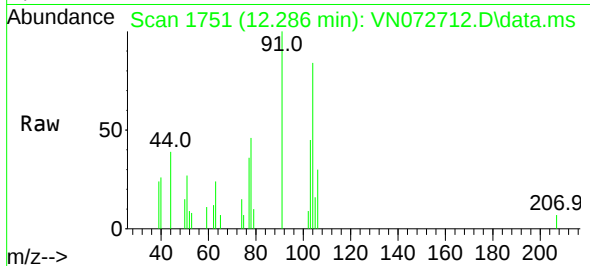
#70
Styrene
Concen: 0.424 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:104 Resp: 3200
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 51.9 44.0 66.0

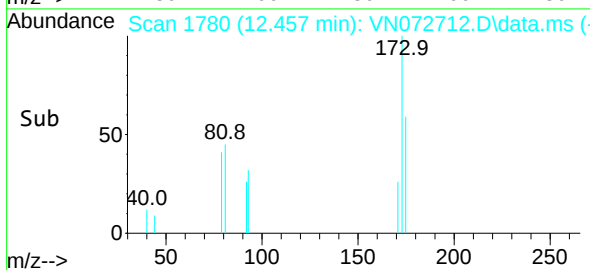
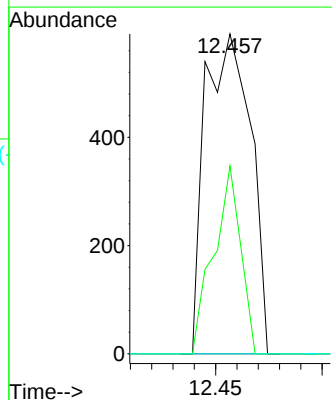
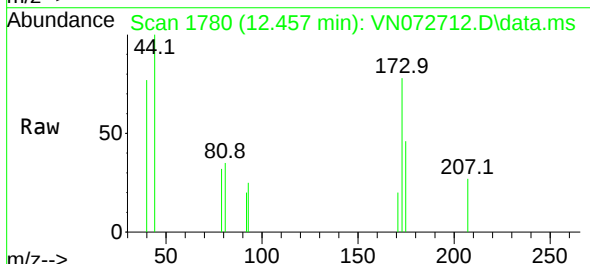
Manual Integrations
APPROVED

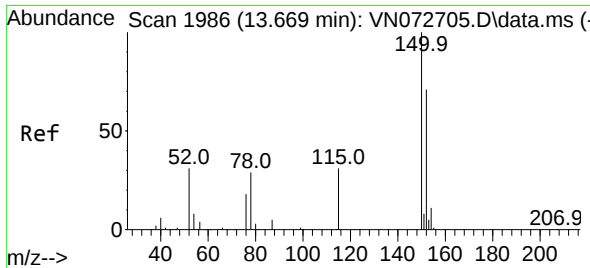
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#71
Bromoform
Concen: 0.439 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

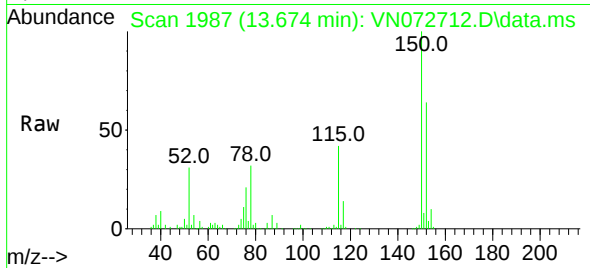
Tgt Ion:173 Resp: 879
Ion Ratio Lower Upper
173 100
175 34.8 24.6 73.6
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

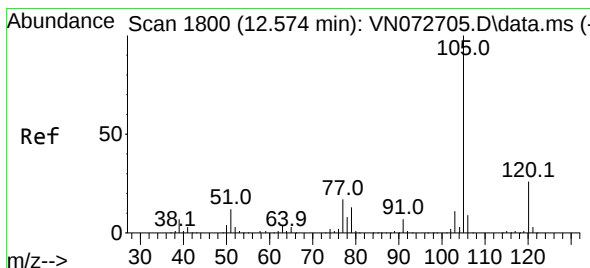
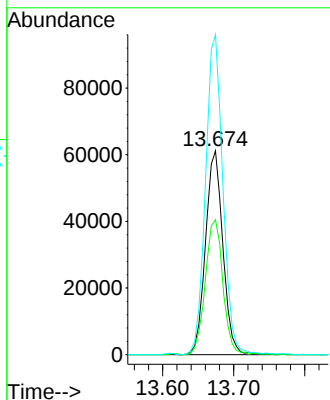
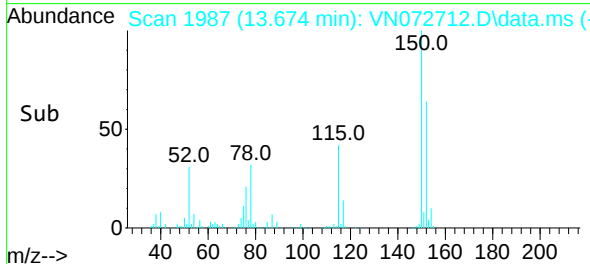
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



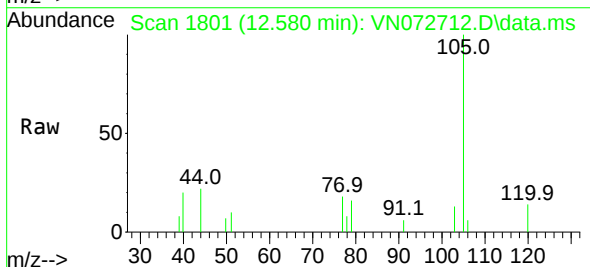
Tgt Ion:152 Resp: 104314
Ion Ratio Lower Upper
152 100
115 67.3 28.9 86.7
150 156.8 0.0 356.2

Manual Integrations
APPROVED

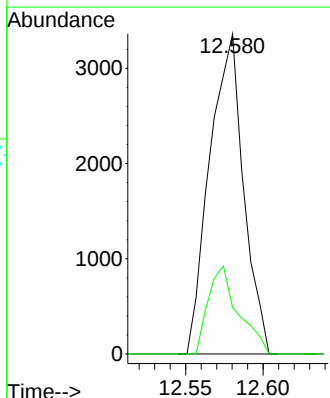
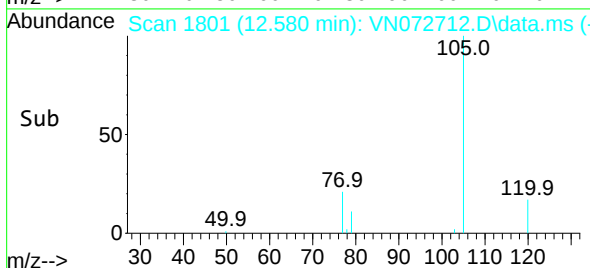
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

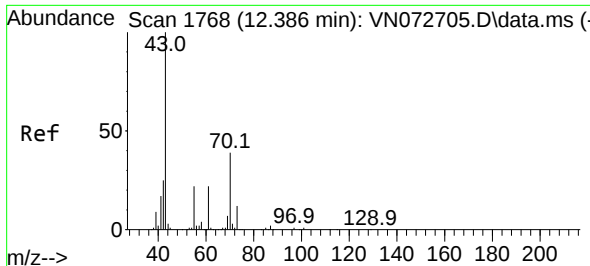


#73
Isopropylbenzene
Concen: 0.456 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



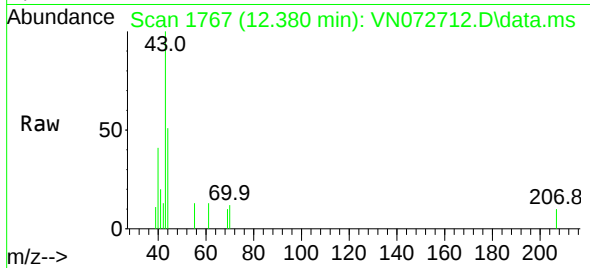
Tgt Ion:105 Resp: 5105
Ion Ratio Lower Upper
105 100
120 24.3 13.5 40.4





#74
N-amy1 acetate
Concen: 0.550 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

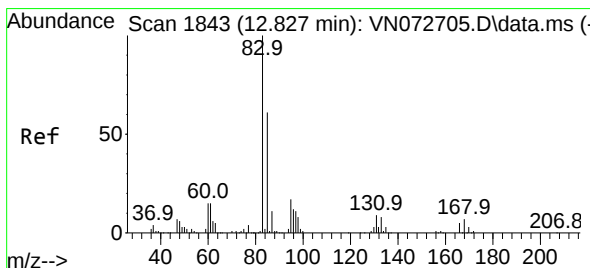
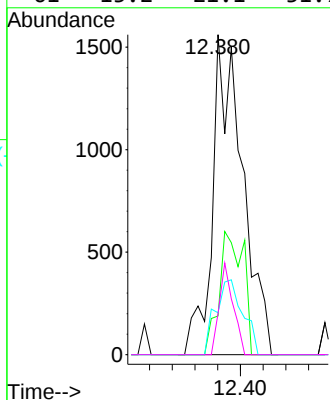
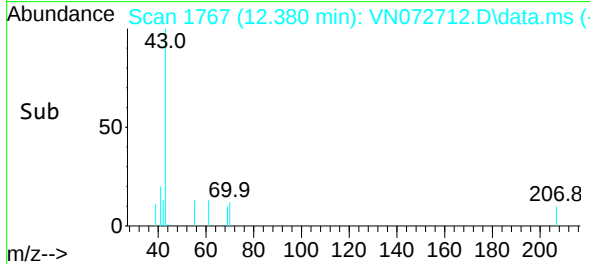
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
70 30.8 39.0 58.4
55 21.3 21.1 31.7
61 13.2 21.1 31.7#

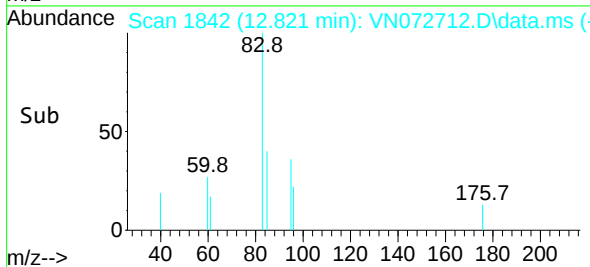
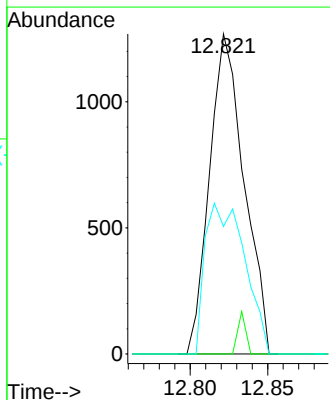
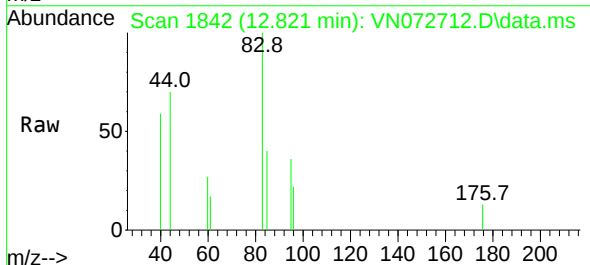
Manual Integrations
APPROVED

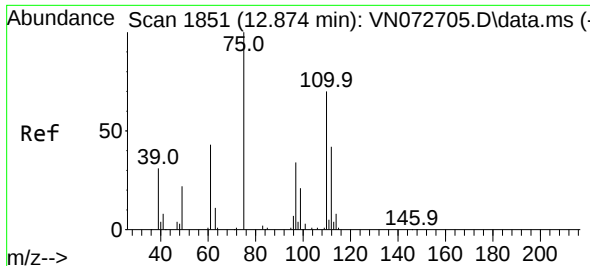
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 0.507 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

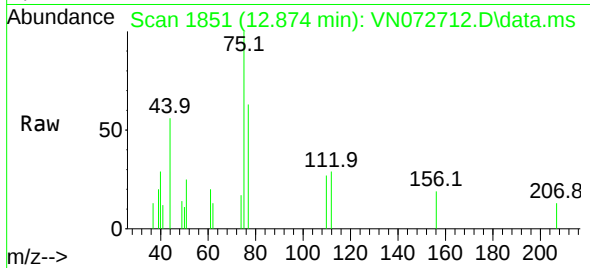
Tgt Ion: 83 Resp: 1968
Ion Ratio Lower Upper
83 100
131 3.0 5.3 15.9#
85 54.2 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 0.738 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

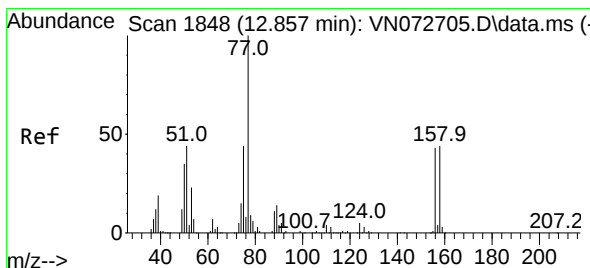
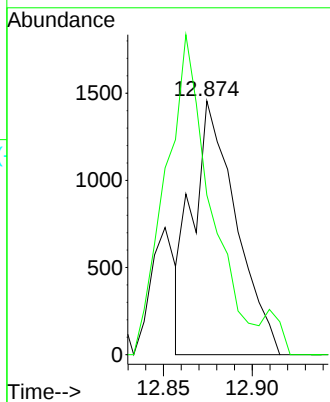
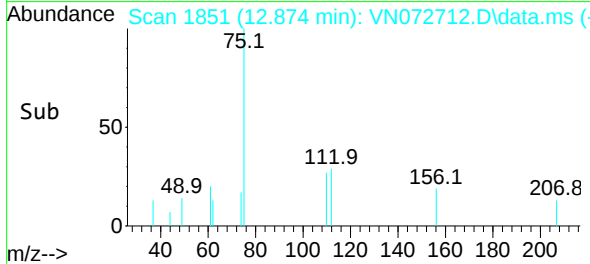
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



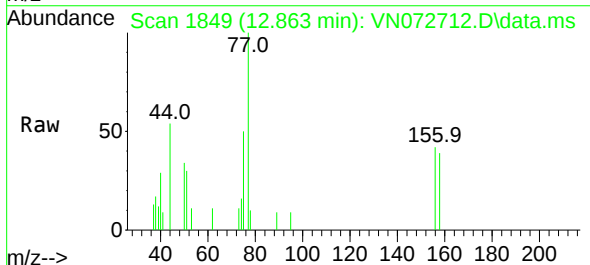
Tgt Ion: 75 Resp: 248
Ion Ratio Lower Upper
75 100
77 138.0 98.5 295.5

Manual Integrations
APPROVED

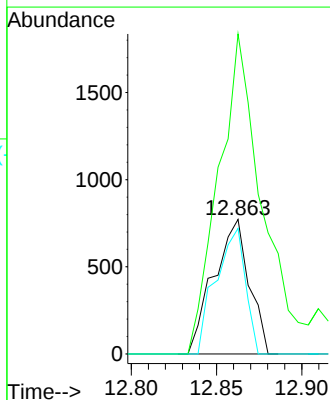
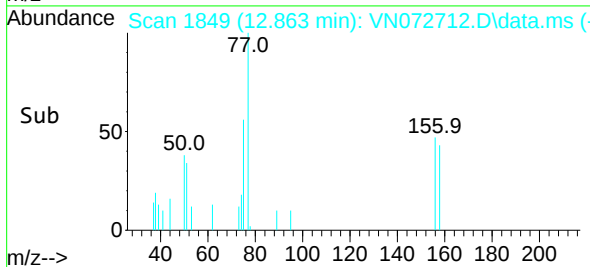
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

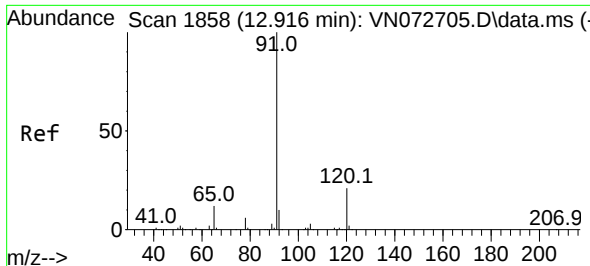


#77
Bromobenzene
Concen: 0.507 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



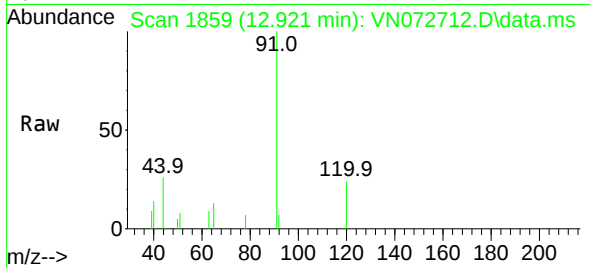
Tgt Ion:156 Resp: 1118
Ion Ratio Lower Upper
156 100
77 306.5 100.5 301.5#
158 77.7 48.9 146.6





#78
n-propylbenzene
Concen: 0.449 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

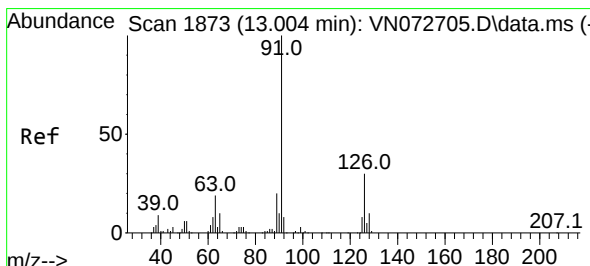
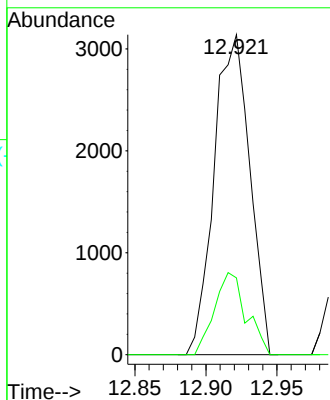
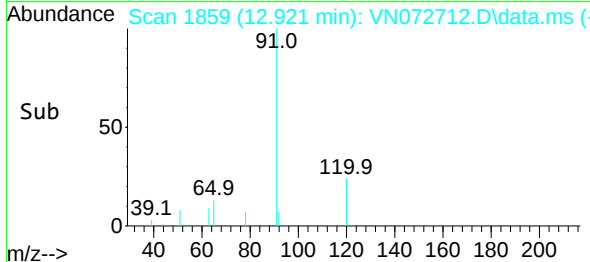
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



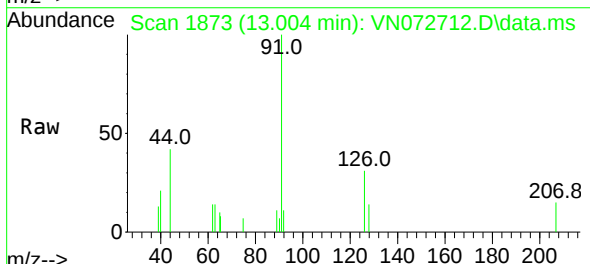
Tgt Ion: 91 Resp: 5480
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5

Manual Integrations
APPROVED

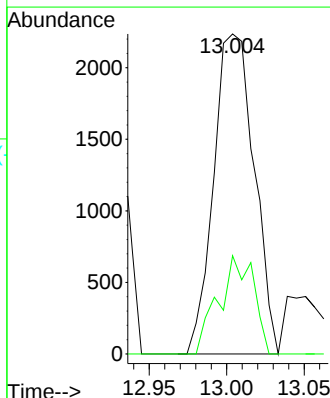
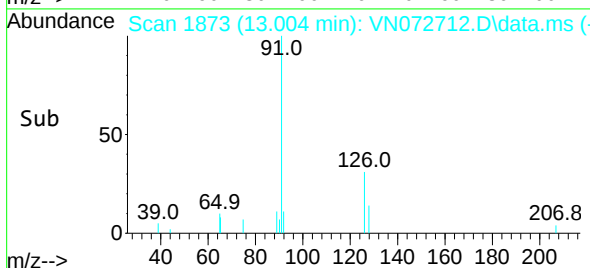
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

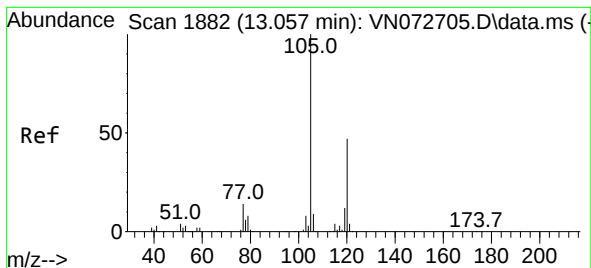


#79
2-Chlorotoluene
Concen: 0.529 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



Tgt Ion: 91 Resp: 4055
Ion Ratio Lower Upper
91 100
126 26.6 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.501 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VN072712.D

Acq: 08 Jun 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:105 Resp: 4439

Ion Ratio Lower Upper

105 100

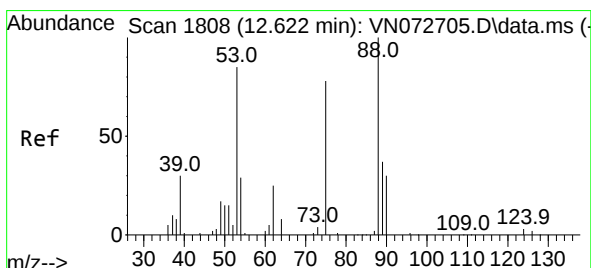
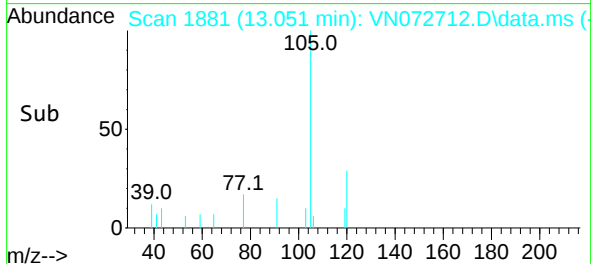
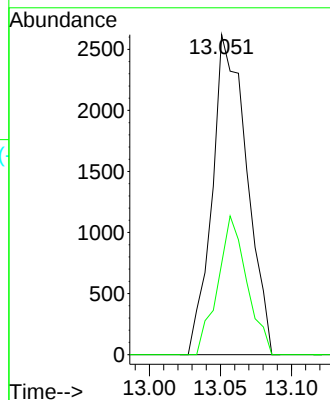
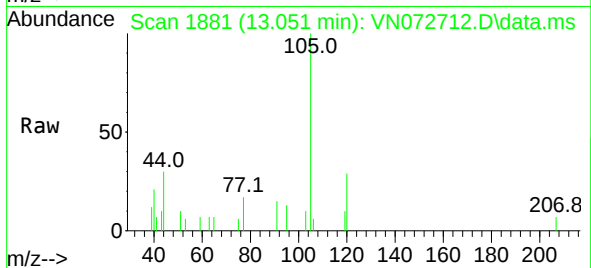
120 36.4 24.9 74.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 0.336 ug/l m

RT: 12.621 min Scan# 1808

Delta R.T. -0.001 min

Lab File: VN072712.D

Acq: 08 Jun 2022 21:56

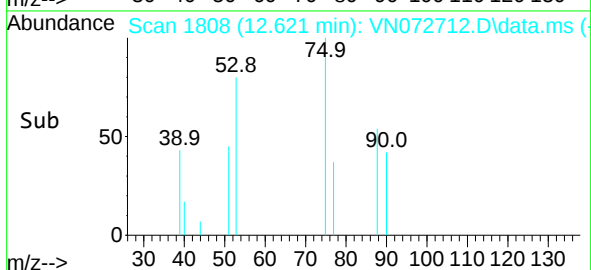
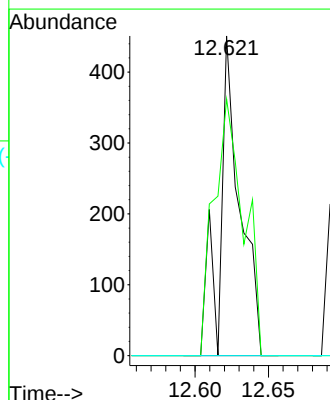
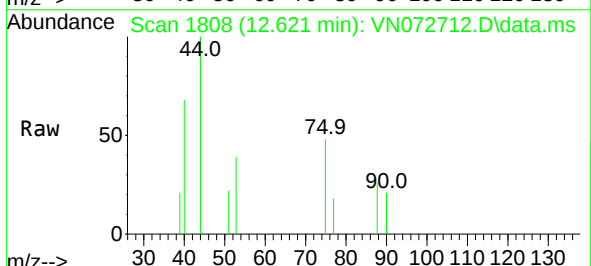
Tgt Ion: 75 Resp: 432

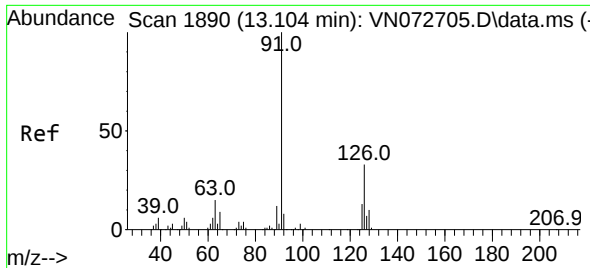
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

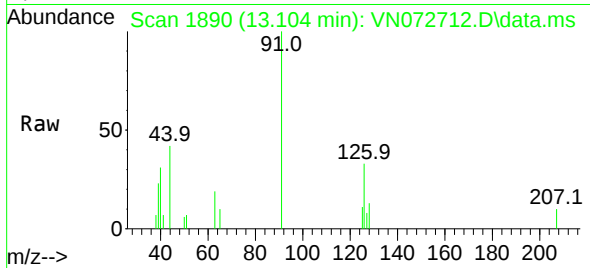
89 0.0 37.2 55.8#





#82
4-Chlorotoluene
Concen: 0.545 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

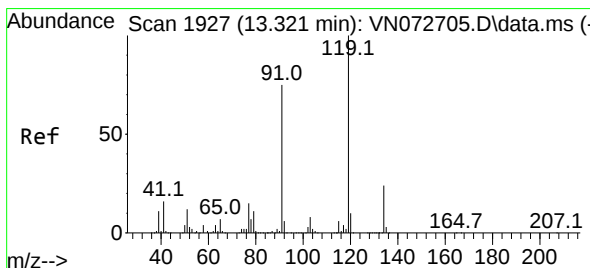
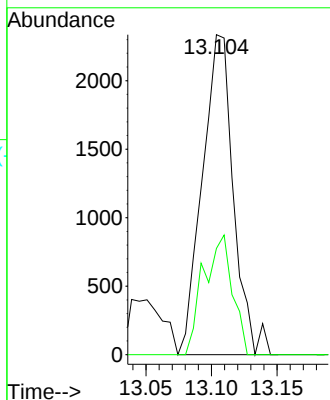
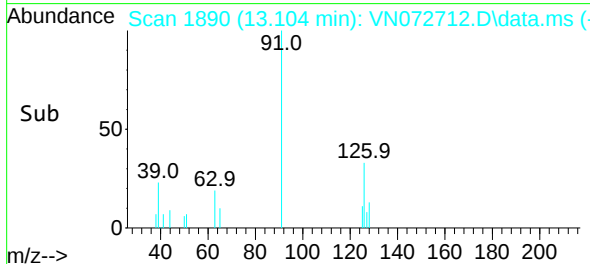
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



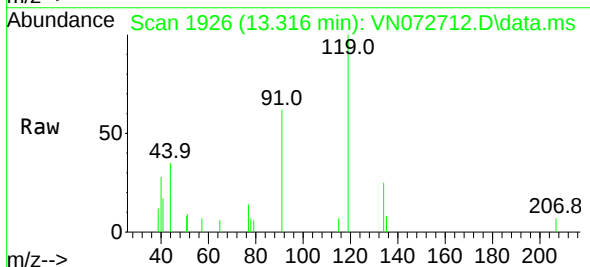
Tgt Ion: 91 Resp: 385
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

Manual Integrations
APPROVED

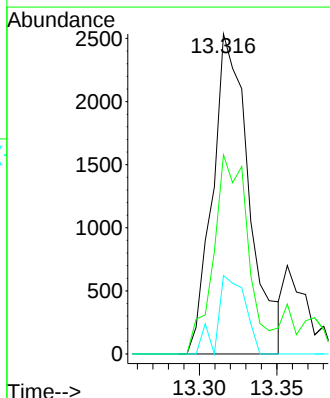
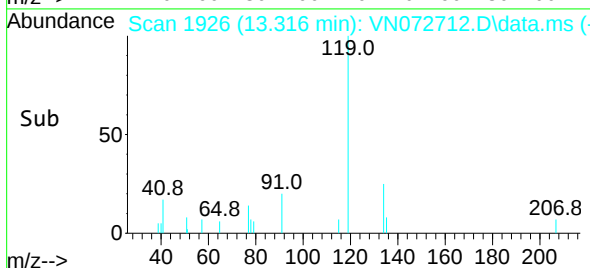
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

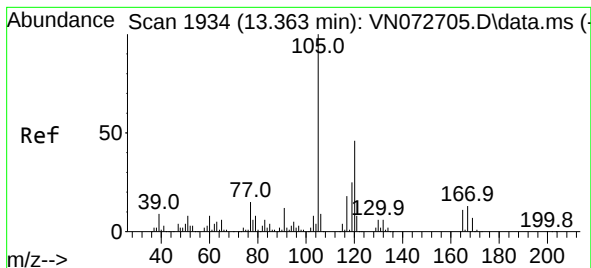


#83
tert-Butylbenzene
Concen: 0.534 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.005 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



Tgt Ion:119 Resp: 4156
Ion Ratio Lower Upper
119 100
91 58.3 31.6 94.8
134 18.6 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 0.468 ug/l

RT: 13.368 min Scan# 1934

Delta R.T. 0.005 min

Lab File: VN072712.D

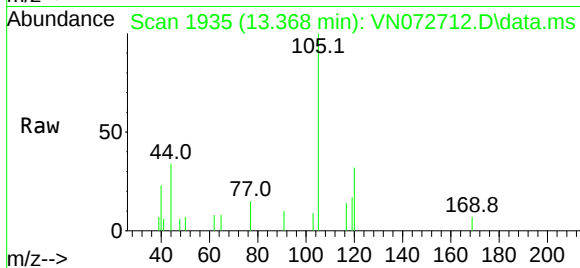
Acq: 08 Jun 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:105 Resp: 3960

Ion Ratio Lower Upper

105 100

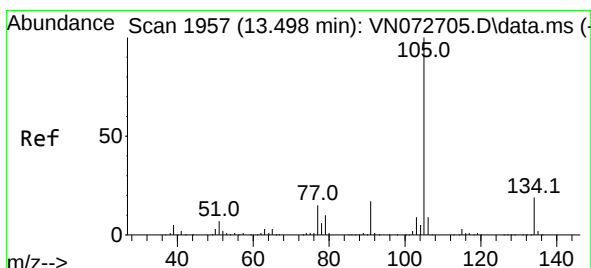
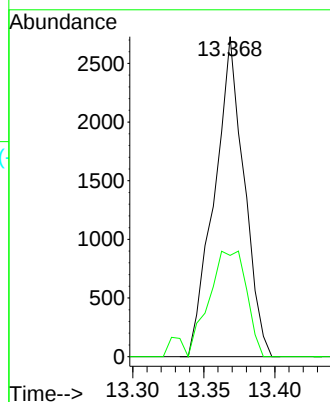
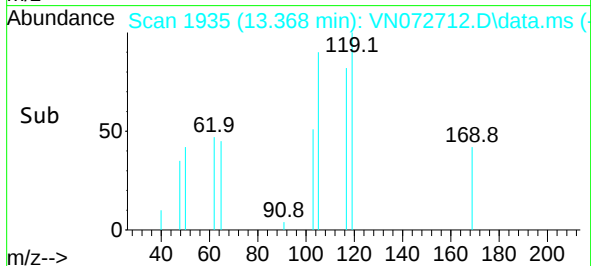
120 44.5 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#85

sec-Butylbenzene

Concen: 0.448 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072712.D

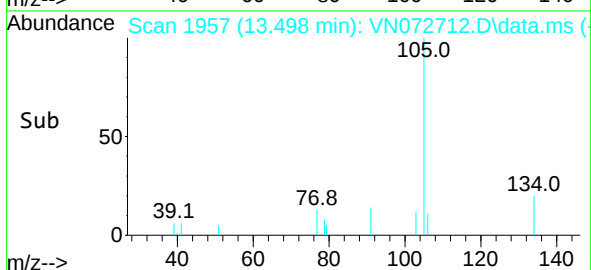
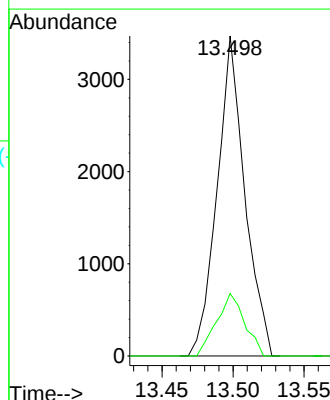
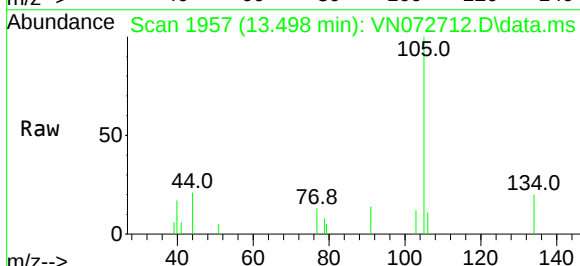
Acq: 08 Jun 2022 21:56

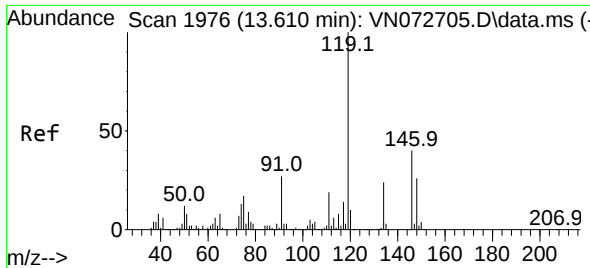
Tgt Ion:105 Resp: 4703

Ion Ratio Lower Upper

105 100

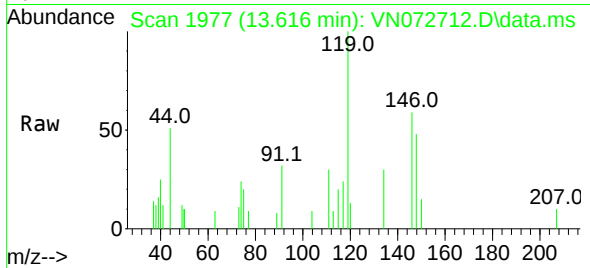
134 19.8 10.4 31.1





#86
p-Isopropyltoluene
Concen: 0.396 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

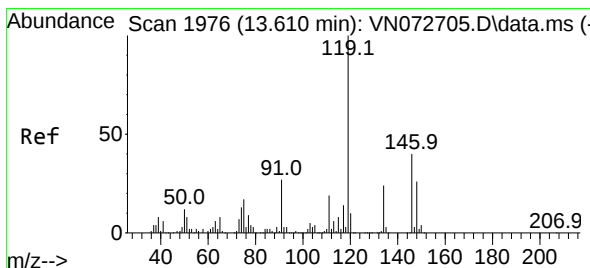
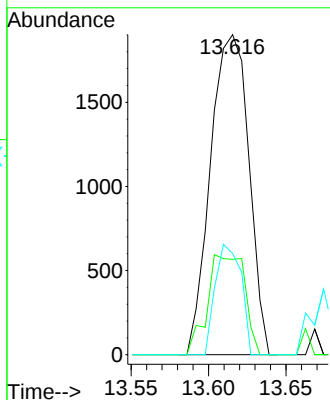
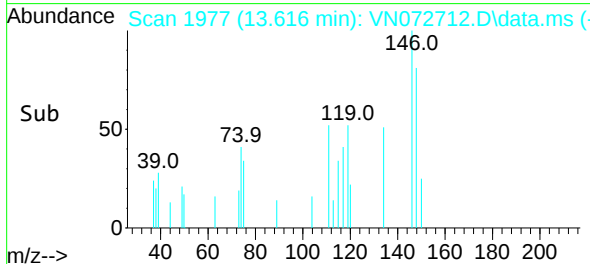
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



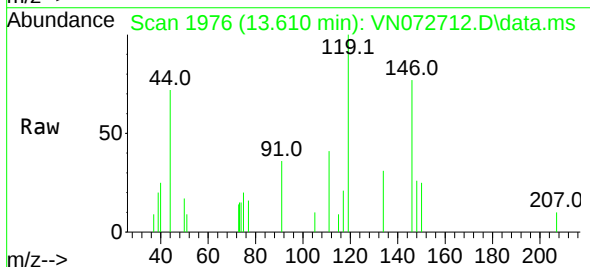
Tgt Ion:119 Resp: 3270
Ion Ratio Lower Upper
119 100
134 30.3 13.3 39.8
91 23.1 11.3 33.9

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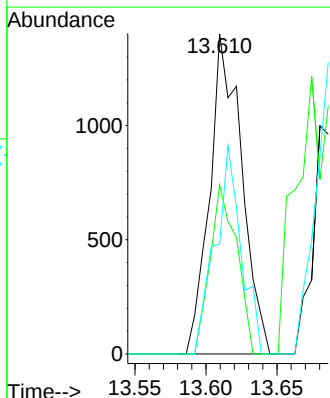
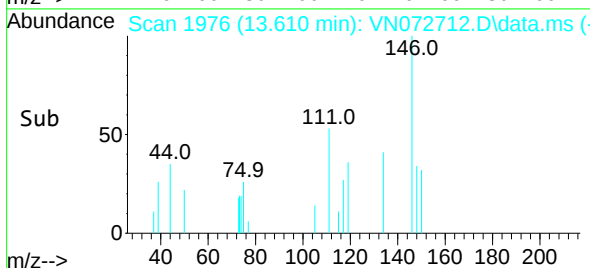
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

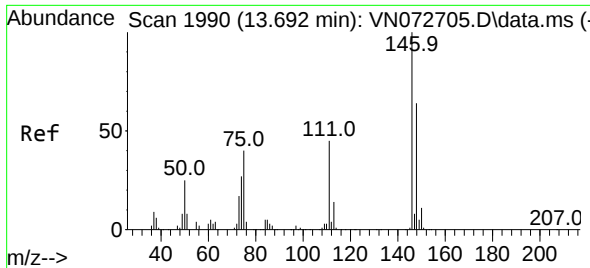


#87
1,3-Dichlorobenzene
Concen: 0.584 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



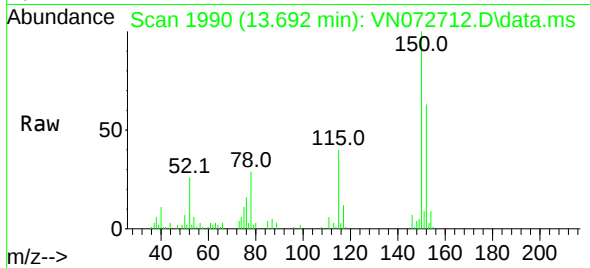
Tgt Ion:146 Resp: 2187
Ion Ratio Lower Upper
146 100
111 44.0 20.0 60.0
148 53.2 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 0.630 ug/l m
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

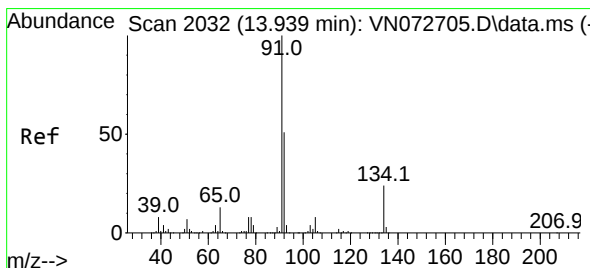
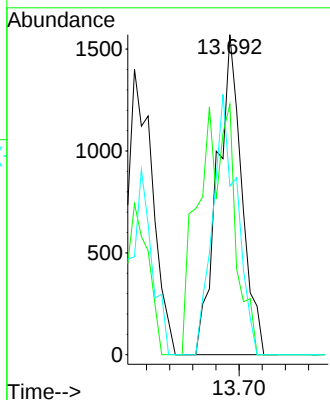
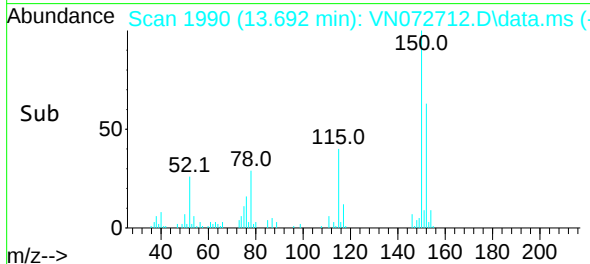
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



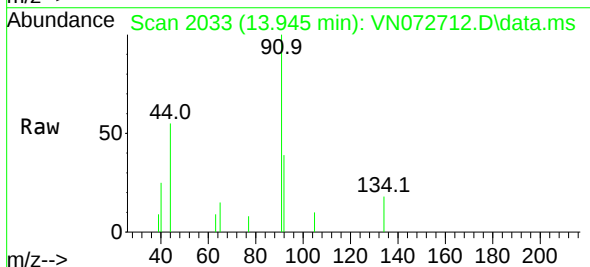
Tgt Ion:146 Resp: 231
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.1
148 50.3 31.4 94.3

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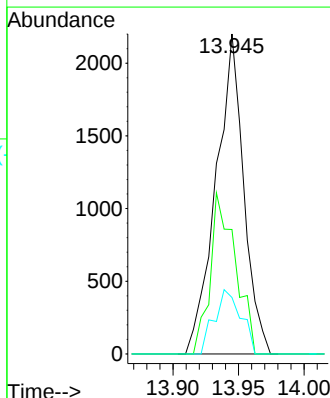
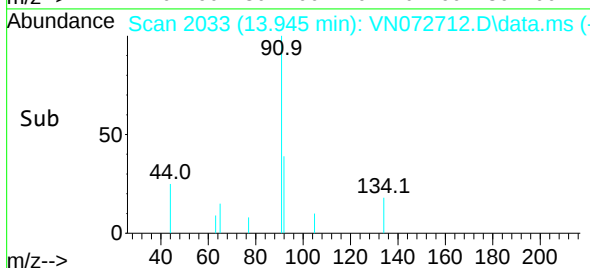
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

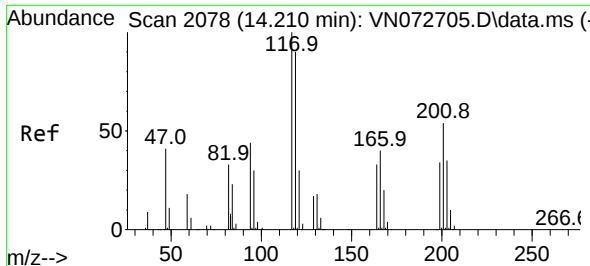


#89
n-Butylbenzene
Concen: 0.466 ug/l
RT: 13.945 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



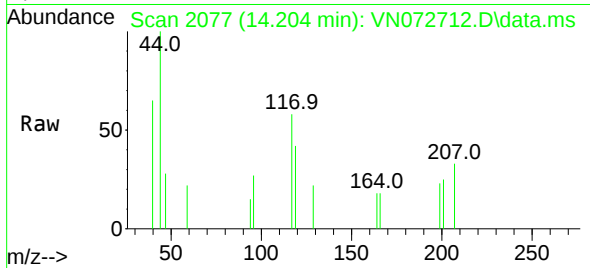
Tgt Ion: 91 Resp: 3244
Ion Ratio Lower Upper
91 100
92 45.7 26.9 80.7
134 19.3 13.6 40.8





#90
Hexachloroethane
Concen: 0.397 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

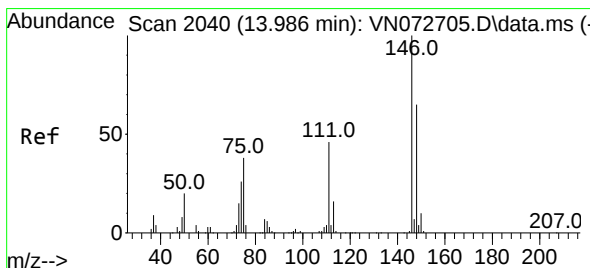
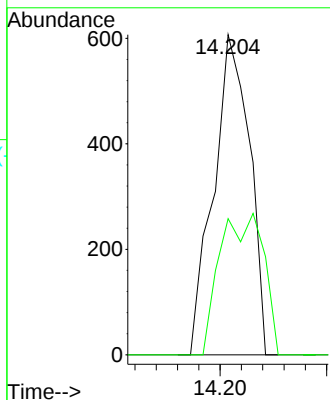
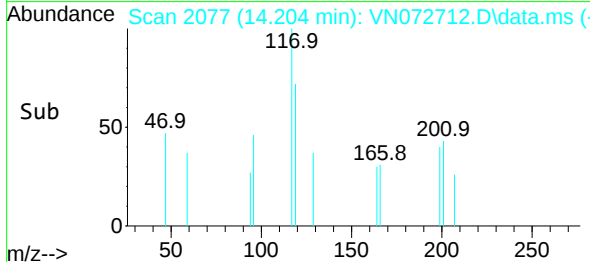
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



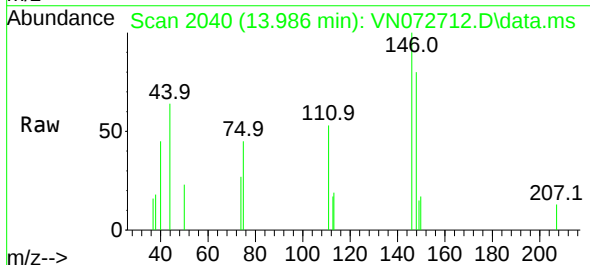
Tgt Ion:117 Resp: 71
Ion Ratio Lower Upper
117 100
201 53.9 40.6 122.0

Manual Integrations
APPROVED

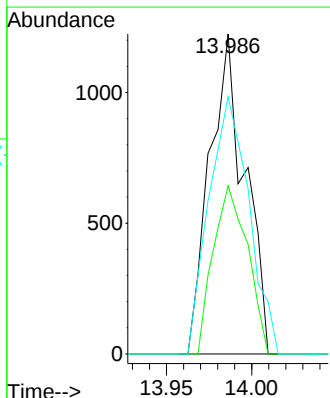
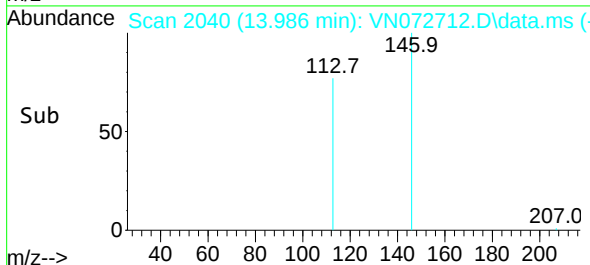
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

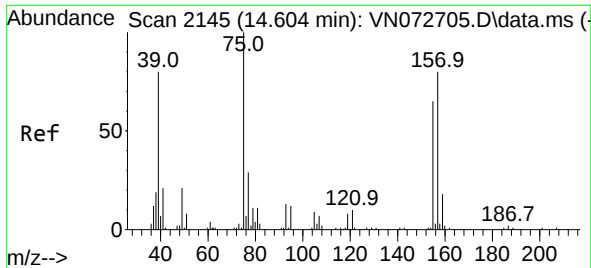


#91
1,2-Dichlorobenzene
Concen: 0.479 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56



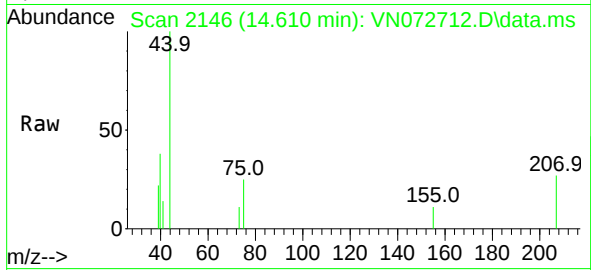
Tgt Ion:146 Resp: 1759
Ion Ratio Lower Upper
146 100
111 51.1 20.9 62.8
148 91.5 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.463 ug/l
 RT: 14.610 min Scan# 2146
 Delta R.T. 0.006 min
 Lab File: VN072712.D
 Acq: 08 Jun 2022 21:56

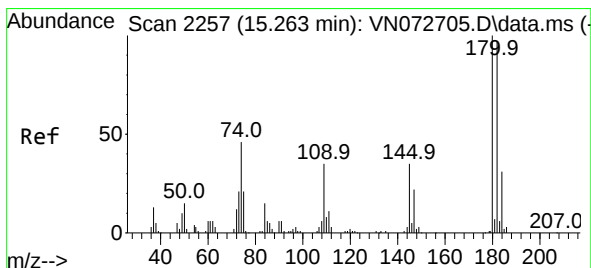
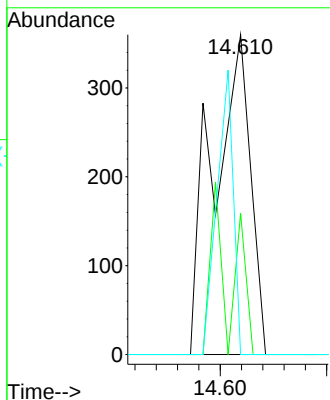
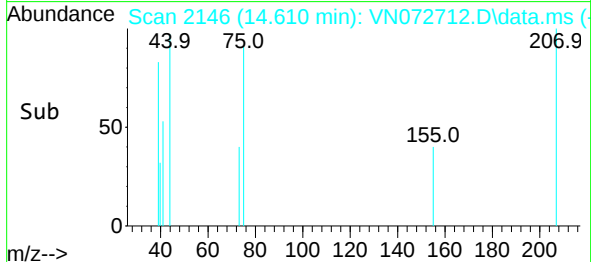
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



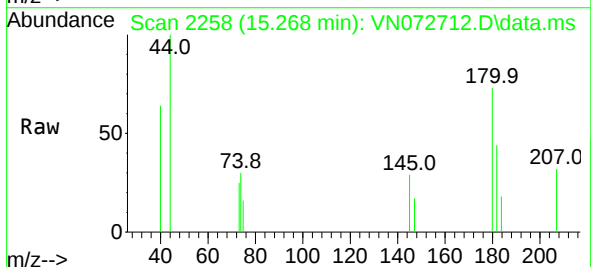
Tgt Ion: 75 Resp: 434
 Ion Ratio Lower Upper
 75 100
 155 28.8 44.9 134.5
 157 39.2 59.0 176.8

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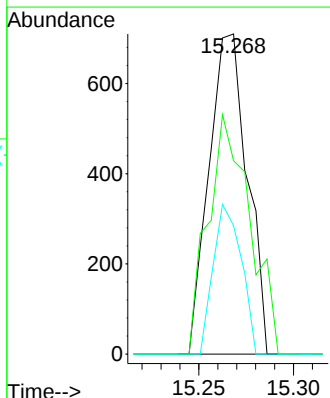
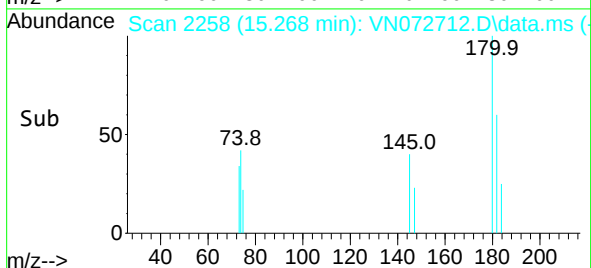
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

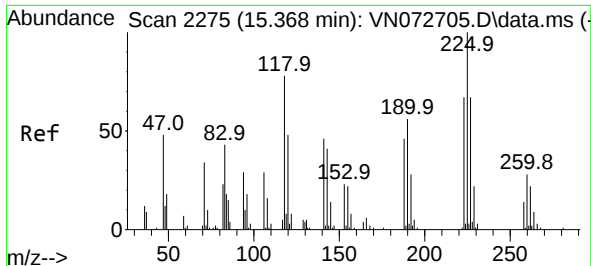


#93
 1,2,4-Trichlorobenzene
 Concen: 0.566 ug/l
 RT: 15.268 min Scan# 2258
 Delta R.T. 0.005 min
 Lab File: VN072712.D
 Acq: 08 Jun 2022 21:56



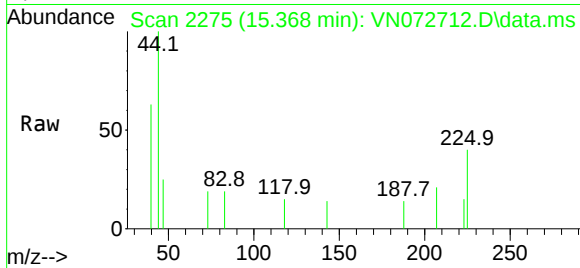
Tgt Ion:180 Resp: 999
 Ion Ratio Lower Upper
 180 100
 182 81.8 47.5 142.5
 145 34.2 14.5 43.5





#94
Hexachlorobutadiene
Concen: 0.394 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

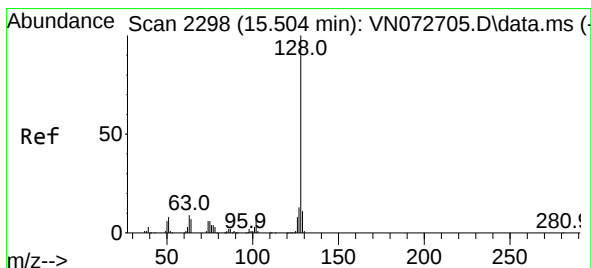
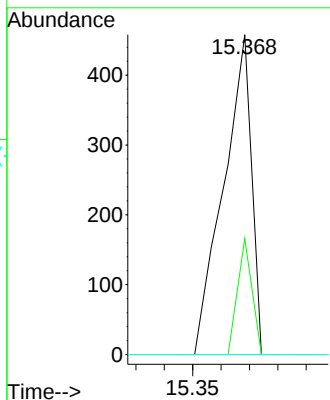
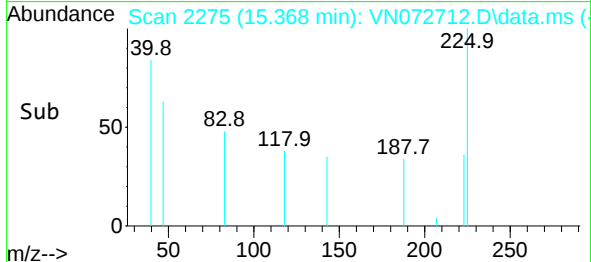
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 225 Resp: 312
Ion Ratio Lower Upper
225 100
223 18.9 32.4 97.2
227 0.0 31.8 95.4

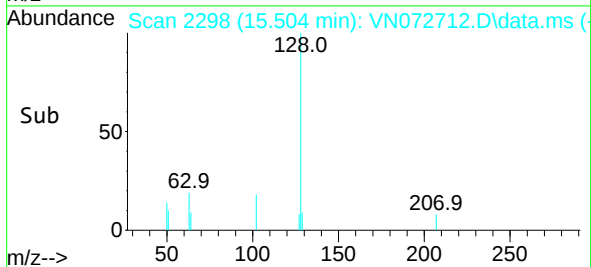
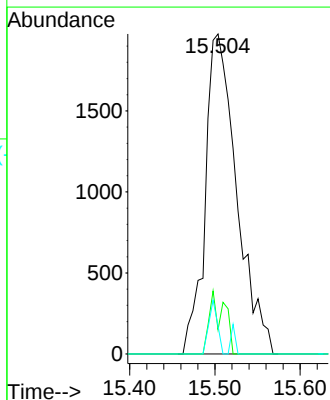
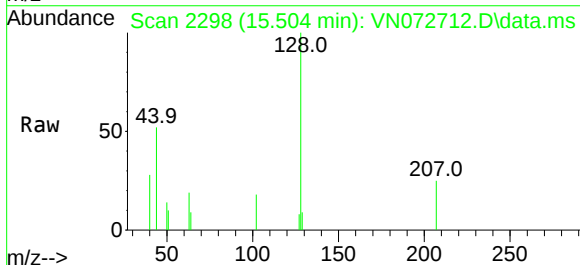
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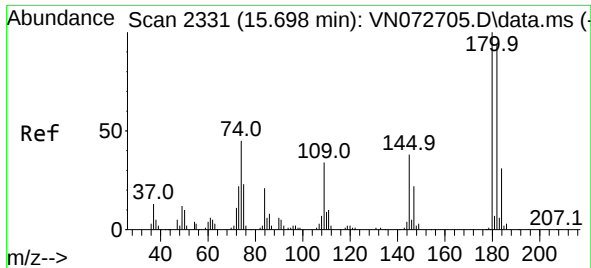
Reviewed By : John Carlone 06/09/2022
Supervised By : Mahesh Dadoda 06/09/2022



#95
Naphthalene
Concen: 0.740 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072712.D
Acq: 08 Jun 2022 21:56

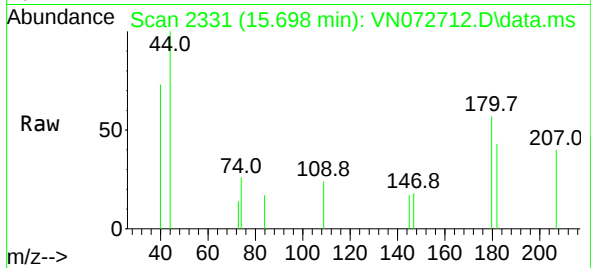
Tgt Ion: 128 Resp: 5071
Ion Ratio Lower Upper
128 100
127 9.2 10.3 15.5#
129 4.6 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.712 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072712.D
 Acq: 08 Jun 2022 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



Tgt Ion:180 Resp: 1252
 Ion Ratio Lower Upper
 180 100
 182 74.4 47.8 143.3
 145 21.5 15.5 46.5

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

