

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082140.D
 Acq On : 15 May 2024 18:50
 Operator : JC\MD
 Sample : P2403-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 16 06:08:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:08:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	269821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153019	56.050	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.100%			
35) Dibromofluoromethane	8.165	113	100819	52.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.820%			
50) Toluene-d8	10.565	98	372573	50.999	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.853	95	122134	46.839	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1021	0.410	ug/l	93
3) Chloromethane	2.359	50	1642	0.581	ug/l	89
4) Vinyl Chloride	2.518	62	1161	0.437	ug/l #	85
5) Bromomethane	2.977	94	1450	0.950	ug/l #	66
6) Chloroethane	3.118	64	1043	0.601	ug/l #	44
7) Trichlorofluoromethane	3.500	101	1761	0.506	ug/l	90
8) Diethyl Ether	3.965	74	437	0.353	ug/l #	19
9) 1,1,2-Trichlorotrifluo...	4.377	101	855	0.421	ug/l #	56
10) Methyl Iodide	4.606	142	710	0.348	ug/l #	40
11) Tert butyl alcohol	5.518	59	947m	2.161	ug/l	
12) 1,1-Dichloroethene	4.353	96	906	0.480	ug/l #	68
13) Acrolein	4.189	56	592	1.823	ug/l	90
14) Allyl chloride	5.018	41	1699	0.420	ug/l #	75
15) Acrylonitrile	5.724	53	2483	2.188	ug/l	97
16) Acetone	4.430	43	2585	2.308	ug/l #	86
17) Carbon Disulfide	4.712	76	3528	0.579	ug/l	95
18) Methyl Acetate	5.042	43	1326	0.475	ug/l #	47
19) Methyl tert-butyl Ether	5.800	73	3061	0.444	ug/l #	90
20) Methylene Chloride	5.283	84	1692	0.749	ug/l #	90
21) trans-1,2-Dichloroethene	5.783	96	960	0.467	ug/l #	78
22) Diisopropyl ether	6.665	45	3246	0.385	ug/l #	83
23) Vinyl Acetate	6.606	43	13673m	2.054	ug/l	
24) 1,1-Dichloroethane	6.565	63	1746	0.401	ug/l #	81
25) 2-Butanone	7.500	43	4203	2.475	ug/l #	70
26) 2,2-Dichloropropane	7.494	77	1497	0.411	ug/l	81
27) cis-1,2-Dichloroethene	7.483	96	1155	0.476	ug/l	82
28) Bromochloromethane	7.806	49	932	0.460	ug/l #	97
29) Tetrahydrofuran	7.847	42	2390	2.192	ug/l #	83
30) Chloroform	7.965	83	1904	0.458	ug/l #	83
31) Cyclohexane	8.230	56	6988	1.603	ug/l #	46
32) 1,1,1-Trichloroethane	8.183	97	1507	0.409	ug/l #	47
36) 1,1-Dichloropropene	8.365	75	1292	0.404	ug/l #	47
37) Ethyl Acetate	7.565	43	1675m	0.468	ug/l	
38) Carbon Tetrachloride	8.359	117	1176	0.363	ug/l #	87
39) Methylcyclohexane	9.606	83	1463	0.418	ug/l #	85
40) Benzene	8.606	78	4415	0.463	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	897	0.426	ug/l #	38
42) 1,2-Dichloroethane	8.671	62	1803	0.492	ug/l #	73
43) Isopropyl Acetate	8.694	43	2938	0.464	ug/l #	65
44) Trichloroethene	9.359	130	1052	0.486	ug/l	64
45) 1,2-Dichloropropane	9.630	63	976	0.397	ug/l	93
46) Dibromomethane	9.706	93	549	0.340	ug/l	93
47) Bromodichloromethane	9.888	83	1412	0.414	ug/l #	88
48) Methyl methacrylate	9.682	41	1398	0.463	ug/l #	77
49) 1,4-Dioxane	9.688	88	344	8.130	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	7656	2.126	ug/l	87
52) Toluene	10.635	92	2622	0.458	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	1501	0.426	ug/l #	73
54) cis-1,3-Dichloropropene	10.312	75	1426	0.382	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	798	0.384	ug/l #	85
56) Ethyl methacrylate	10.876	69	1361	0.386	ug/l #	68
57) 1,3-Dichloropropane	11.159	76	1422	0.366	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	3968	2.180	ug/l #	87
59) 2-Hexanone	11.200	43	5329	2.021	ug/l	81
60) Dibromochloromethane	11.359	129	976	0.426	ug/l	98
61) 1,2-Dibromoethane	11.471	107	907	0.425	ug/l	95
64) Tetrachloroethene	11.112	164	864	0.432	ug/l #	75
65) Chlorobenzene	11.894	112	2846	0.477	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.959	131	946	0.482	ug/l #	63
67) Ethyl Benzene	11.965	91	4363	0.409	ug/l	99
68) m/p-Xylenes	12.071	106	2986	0.764	ug/l	85
69) o-Xylene	12.406	106	1478	0.390	ug/l	86
70) Styrene	12.418	104	2272	0.361	ug/l	93
71) Bromoform	12.582	173	523	0.371	ug/l #	79
73) Isopropylbenzene	12.688	105	3900	0.456	ug/l	97
74) N-amyl acetate	12.494	43	2020	0.429	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.935	83	1181	0.479	ug/l #	95
76) 1,2,3-Trichloropropane	13.006	75	1027m	0.453	ug/l	
77) Bromobenzene	12.982	156	871	0.427	ug/l	64
78) n-propylbenzene	13.035	91	4574	0.452	ug/l	97
79) 2-Chlorotoluene	13.129	91	3314	0.521	ug/l	85
80) 1,3,5-Trimethylbenzene	13.170	105	2861	0.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	195m	0.201	ug/l	
82) 4-Chlorotoluene	13.223	91	2925	0.470	ug/l	87
83) tert-Butylbenzene	13.441	119	2633	0.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	2626	0.371	ug/l	99
85) sec-Butylbenzene	13.617	105	3216	0.383	ug/l	88
86) p-Isopropyltoluene	13.729	119	2688	0.394	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	1730	0.468	ug/l	92
88) 1,4-Dichlorobenzene	13.812	146	2146m	0.569	ug/l	
89) n-Butylbenzene	14.059	91	2660	0.434	ug/l	89
90) Hexachloroethane	14.329	117	469	0.371	ug/l	88
91) 1,2-Dichlorobenzene	14.100	146	1594	0.456	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	120	0.237	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.400	180	802	0.409	ug/l	92
94) Hexachlorobutadiene	15.511	225	535	0.622	ug/l #	53
95) Naphthalene	15.641	128	2417	0.394	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.847	180	883	0.450	ug/l	80

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LOD-MDL-WATER-01-QT2-2024

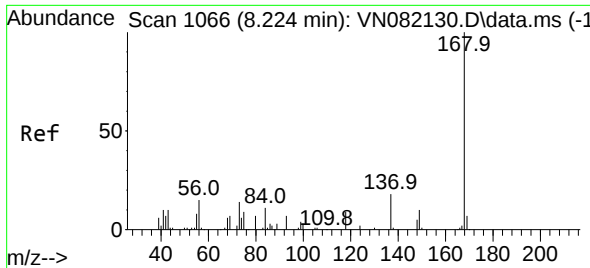
Manual Integrations
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Supervised By :Mahesh Dadoda 05/16/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

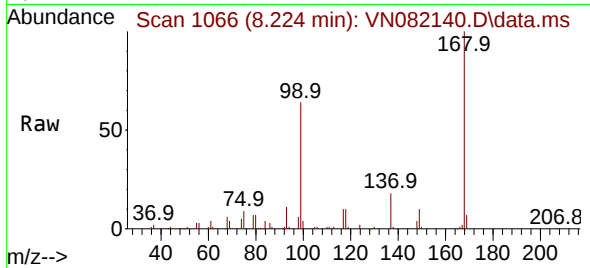
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082140.D
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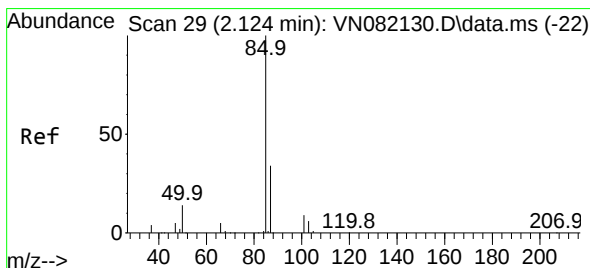
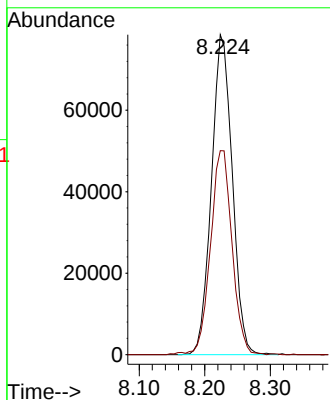
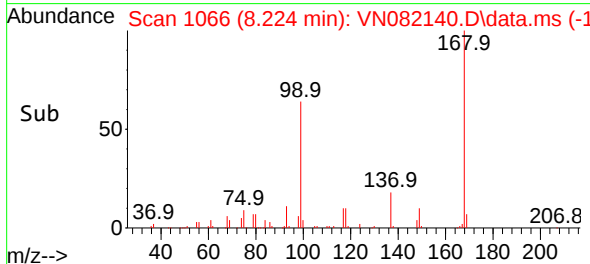
Instrument : MSVOA_N
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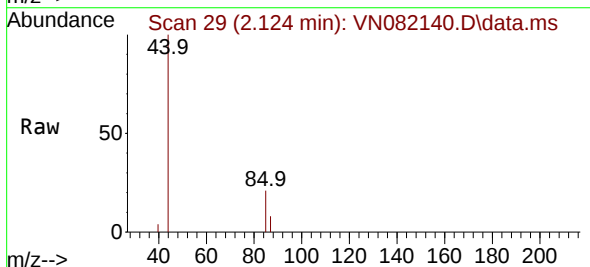
Tgt Ion:168 Resp: 17289
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4

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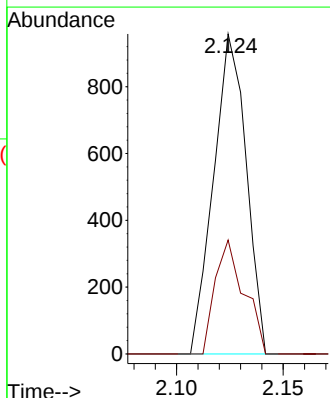
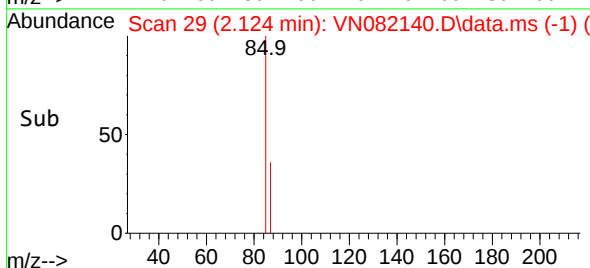
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 0.410 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



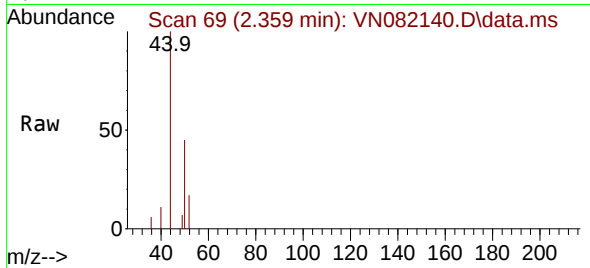
Tgt Ion: 85 Resp: 1021
Ion Ratio Lower Upper
85 100
87 35.6 15.8 47.4





#3
Chloromethane
Concen: 0.581 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

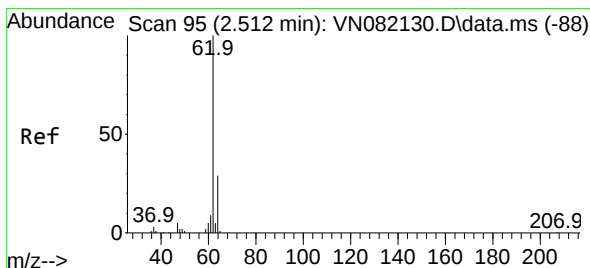
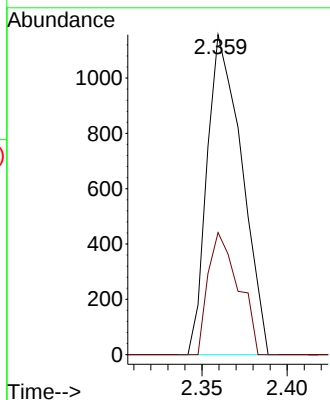
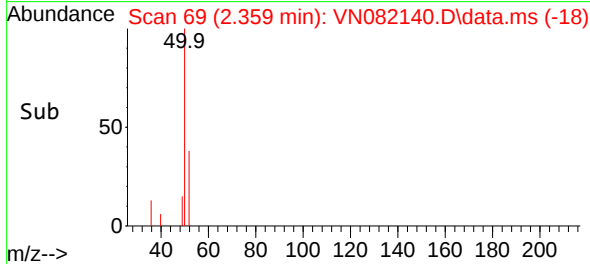
Instrument :
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Tgt Ion: 50 Resp: 164
Ion Ratio Lower Upper
50 100
52 38.1 25.5 38.3

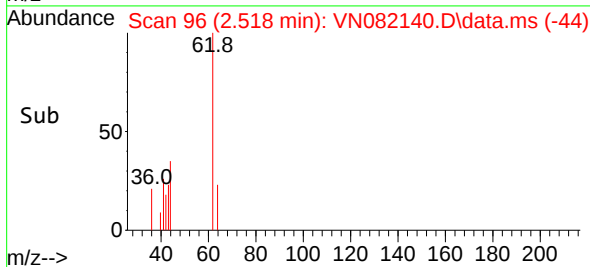
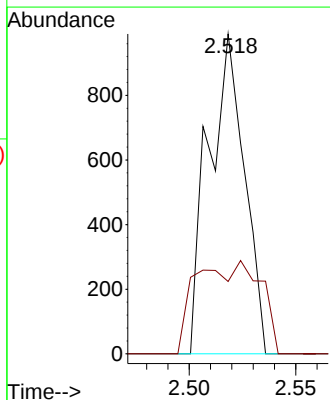
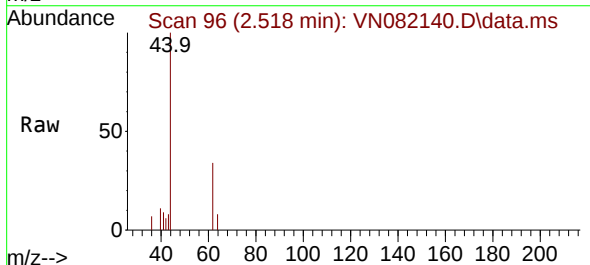
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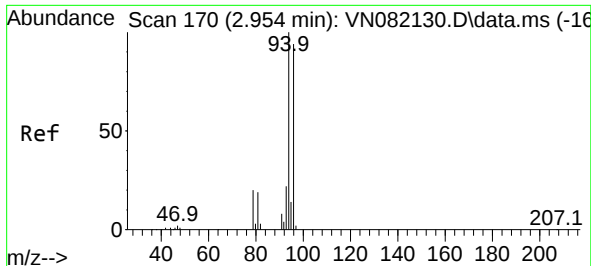
Reviewed By :John Carlone 05/16/2024
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#4
Vinyl Chloride
Concen: 0.437 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

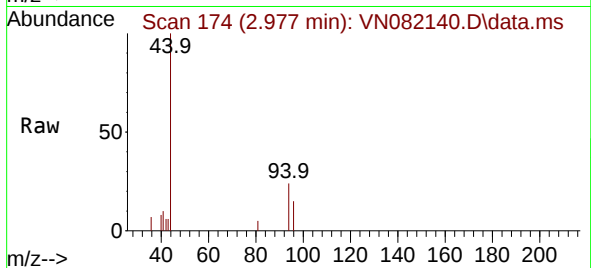
Tgt Ion: 62 Resp: 1161
Ion Ratio Lower Upper
62 100
64 22.6 24.6 37.0





#5
Bromomethane
Concen: 0.950 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.023 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

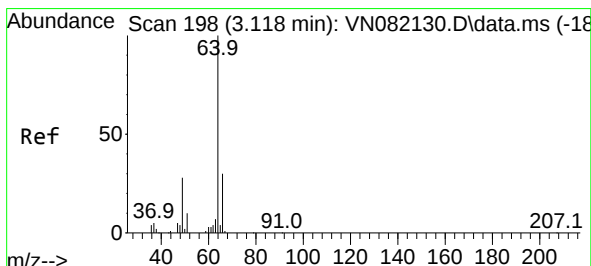
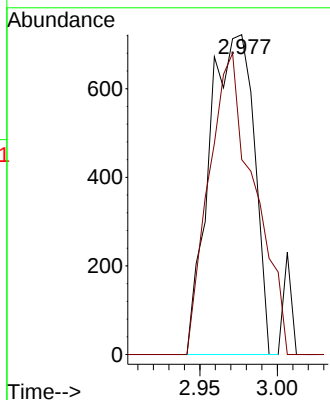
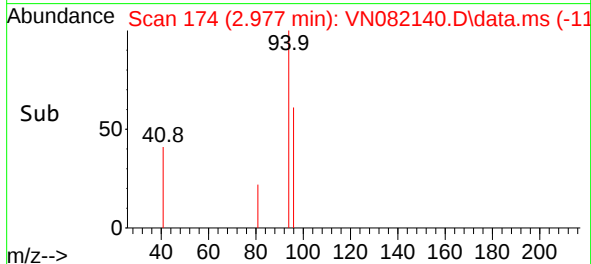
Instrument :
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Tgt Ion: 94 Resp: 1450
Ion Ratio Lower Upper
94 100
96 60.9 74.8 112.2

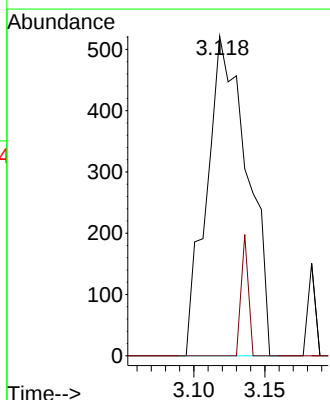
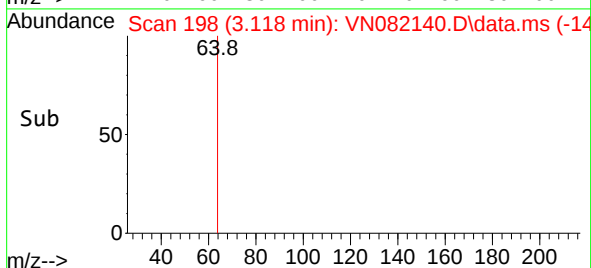
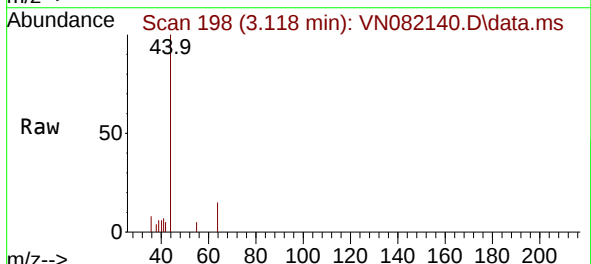
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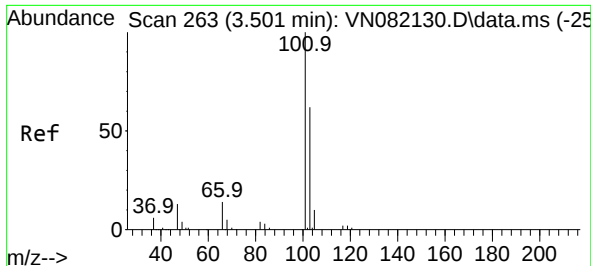
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#6
Chloroethane
Concen: 0.601 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 64 Resp: 1043
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1





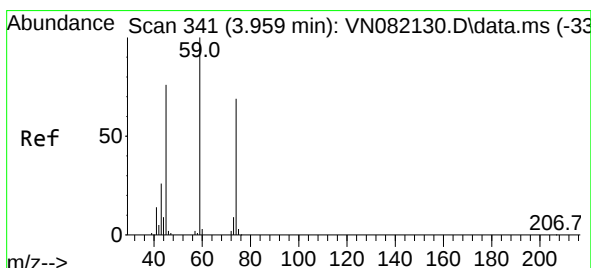
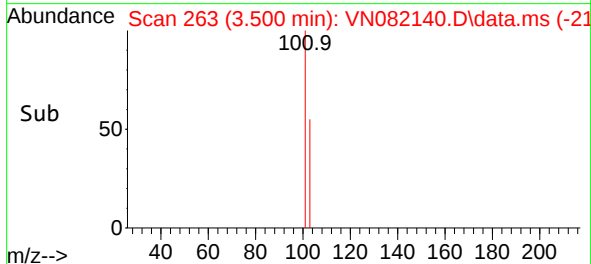
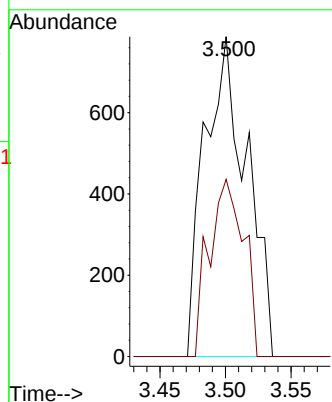
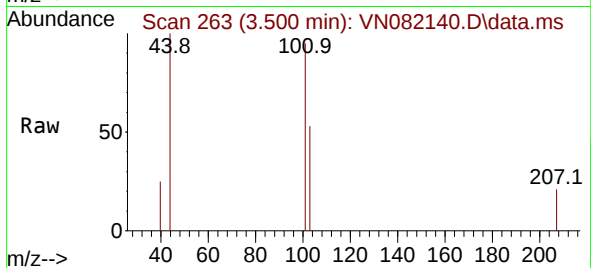
#7
 Trichlorofluoromethane
 Concen: 0.506 ug/l
 RT: 3.500 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

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 LOD-MDL-WATER-01-QT2-2024

Tgt Ion:101 Resp: 176
 Ion Ratio Lower Upper
 101 100
 103 55.4 50.6 75.8

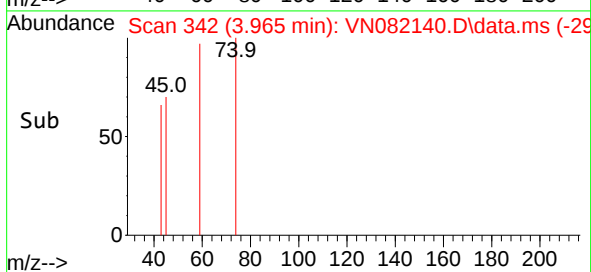
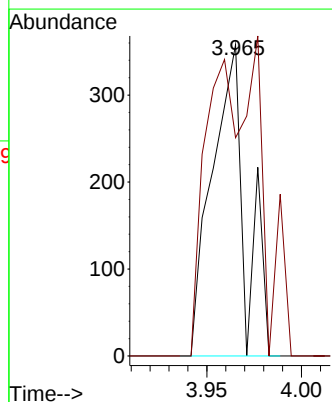
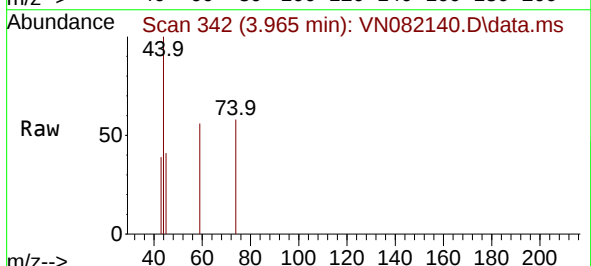
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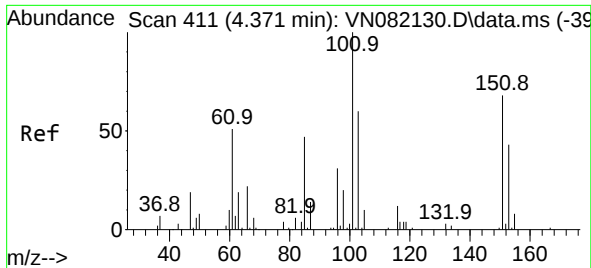
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#8
 Diethyl Ether
 Concen: 0.353 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

Tgt Ion: 74 Resp: 437
 Ion Ratio Lower Upper
 74 100
 45 158.6 42.4 127.3#





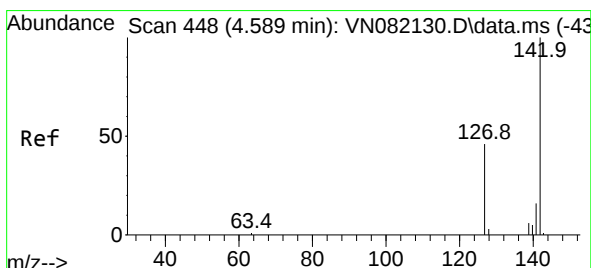
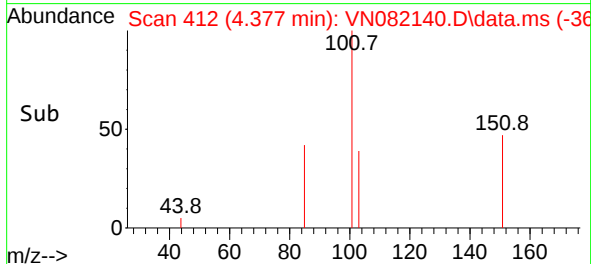
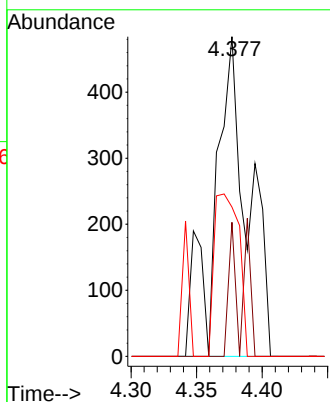
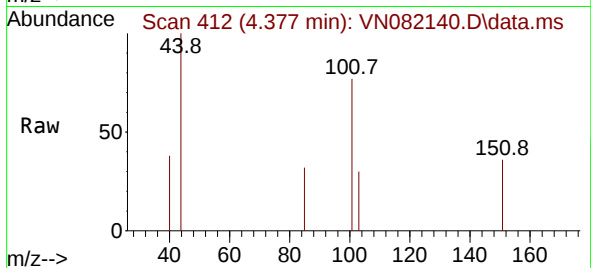
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.421 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:101 Resp: 85
Ion Ratio Lower Upper
101 100
85 17.0 37.3 55.9
151 37.7 59.2 88.8

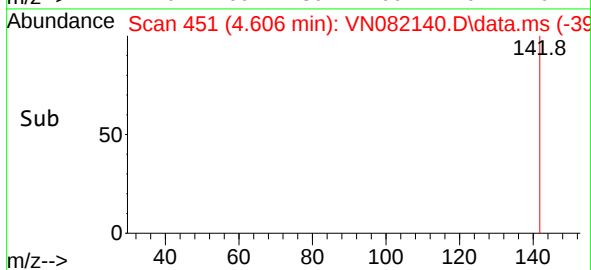
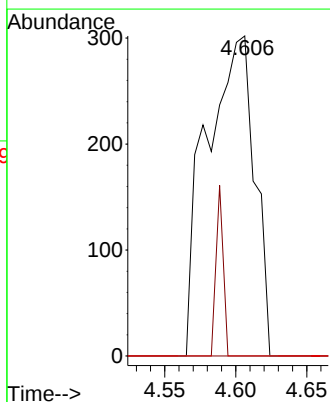
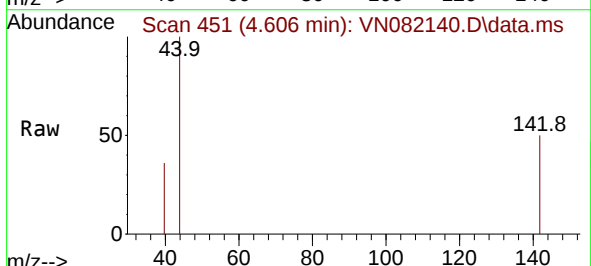
Manual Integrations
APPROVED

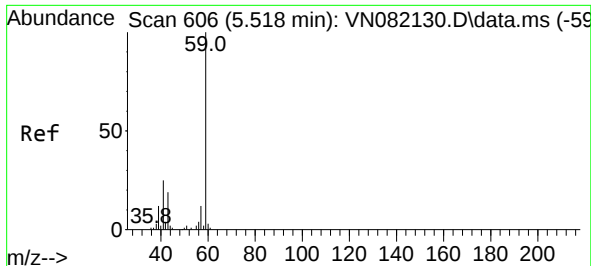
Reviewed By :John Carbone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
Methyl Iodide
Concen: 0.348 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

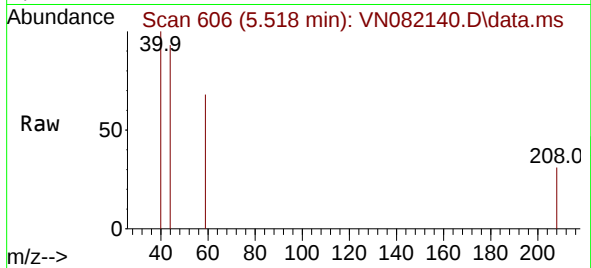
Tgt Ion:142 Resp: 710
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 2.161 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

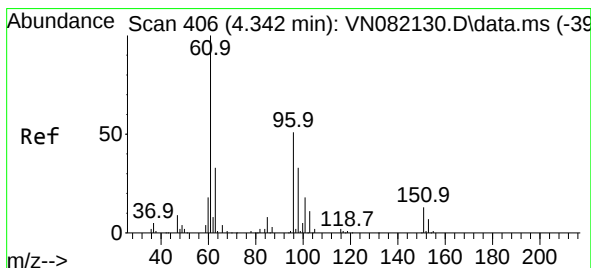
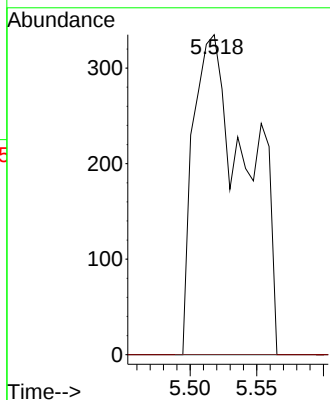
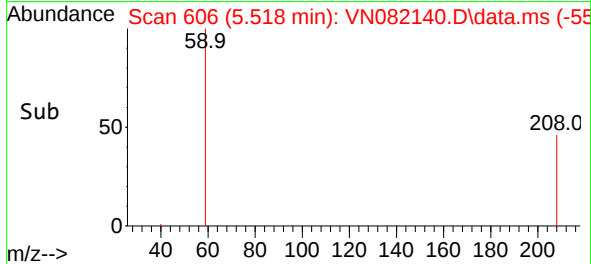
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



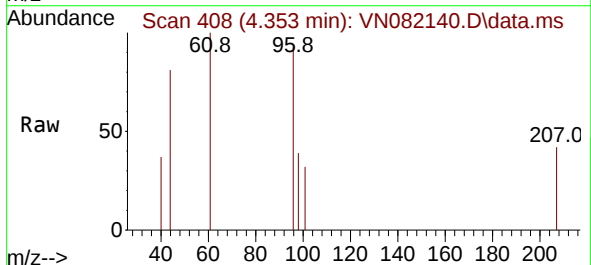
Tgt Ion: 59 Resp: 94
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

Manual Integrations
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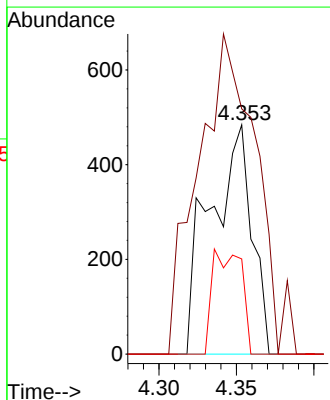
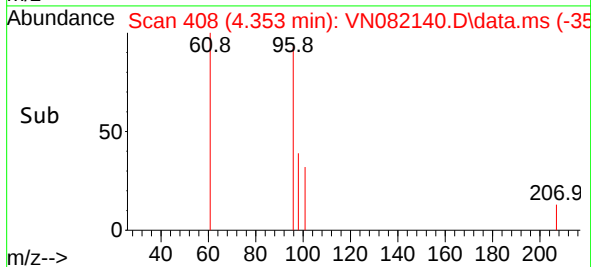
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

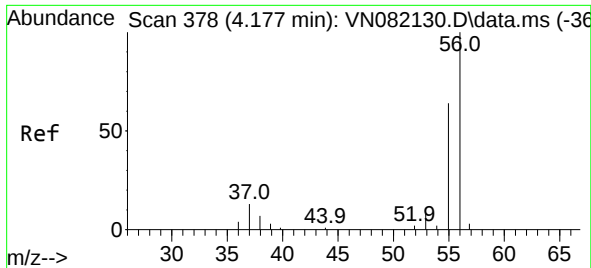


#12
1,1-Dichloroethene
Concen: 0.480 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



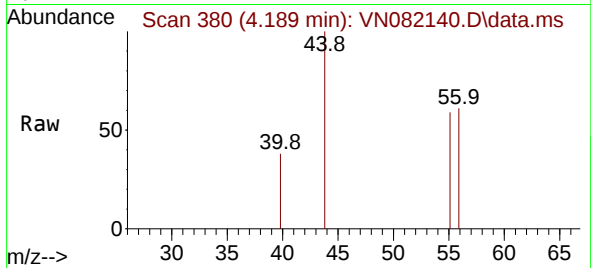
Tgt Ion: 96 Resp: 906
Ion Ratio Lower Upper
96 100
61 107.0 119.7 179.5#
98 41.5 49.6 74.4#





#13
Acrolein
Concen: 1.823 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

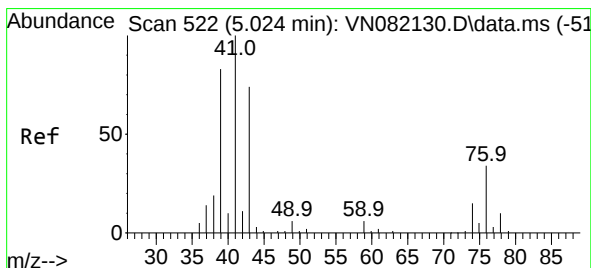
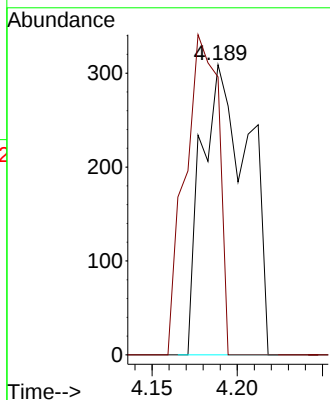
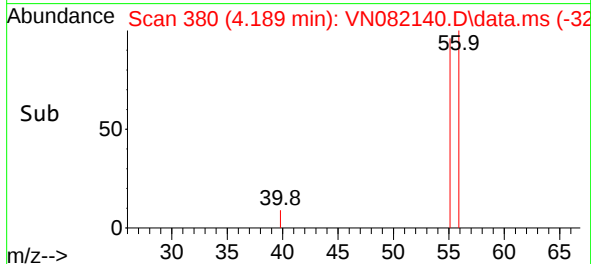
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



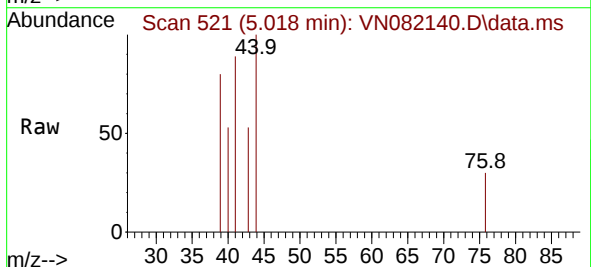
Tgt Ion: 56 Resp: 592
Ion Ratio Lower Upper
56 100
55 78.2 55.8 83.8

Manual Integrations
APPROVED

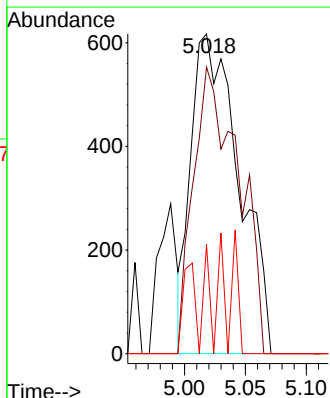
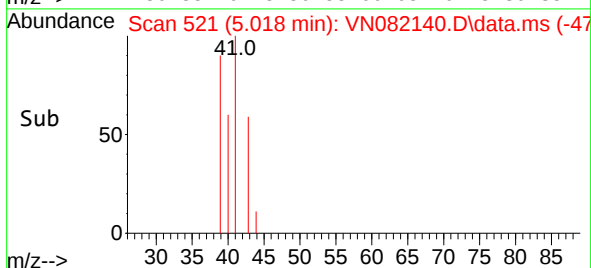
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#14
Allyl chloride
Concen: 0.420 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



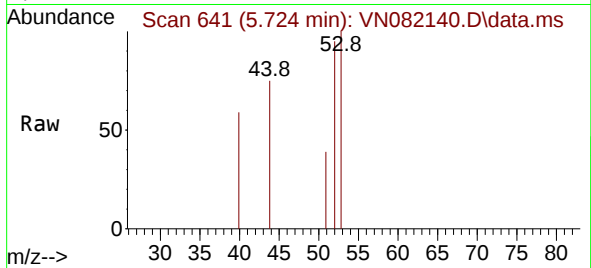
Tgt Ion: 41 Resp: 1699
Ion Ratio Lower Upper
41 100
39 84.5 65.4 98.0
76 4.4 37.3 55.9#





#15
Acrylonitrile
Concen: 2.188 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

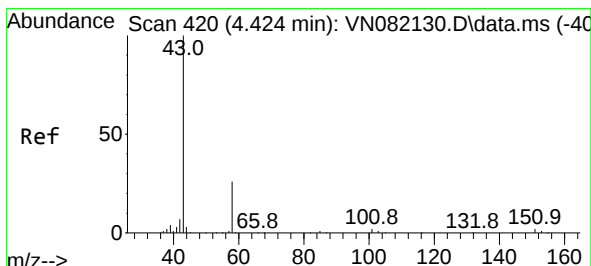
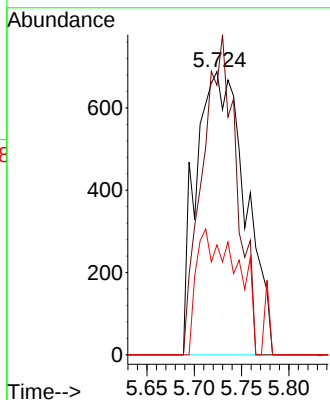
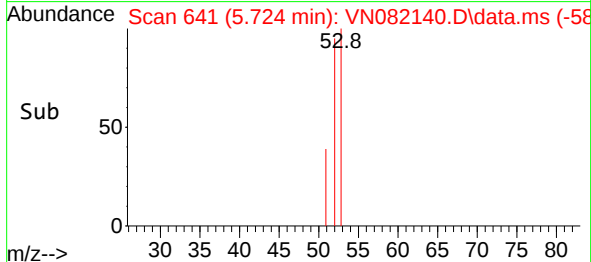
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



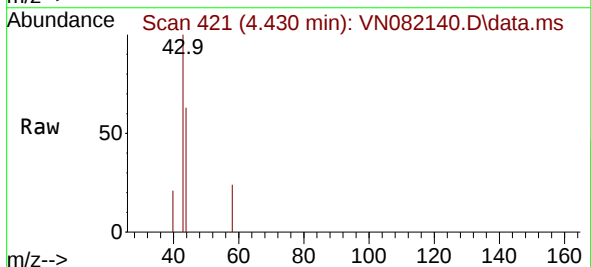
Tgt Ion: 53 Resp: 248
Ion Ratio Lower Upper
53 100
52 78.9 66.1 99.1
51 36.8 29.4 44.2

Manual Integrations
APPROVED

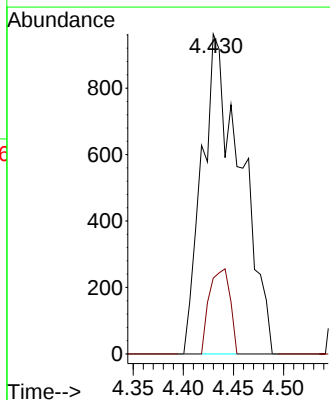
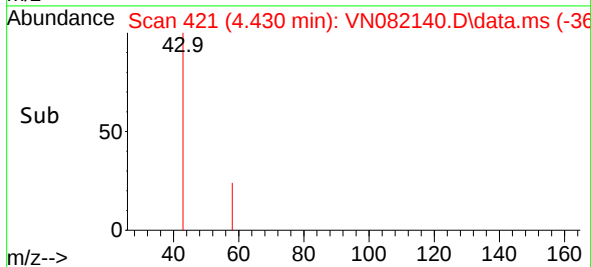
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

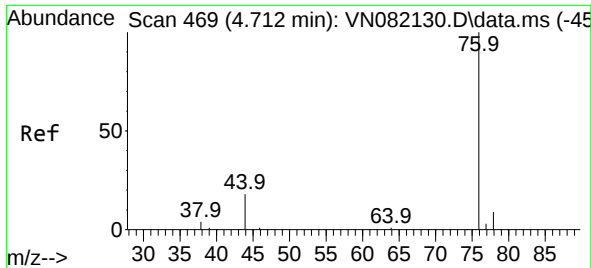


#16
Acetone
Concen: 2.308 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



Tgt Ion: 43 Resp: 2585
Ion Ratio Lower Upper
43 100
58 23.7 25.2 37.8#





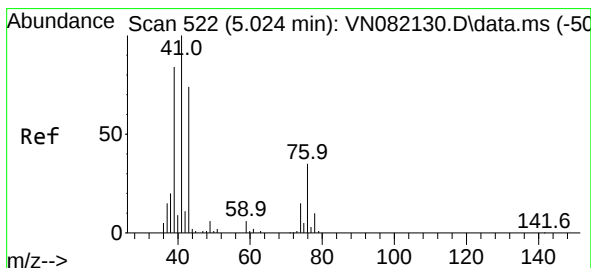
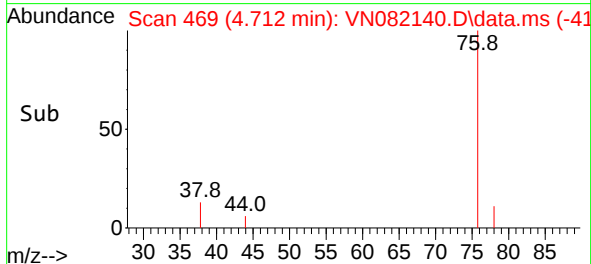
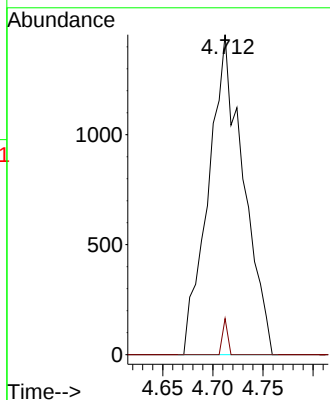
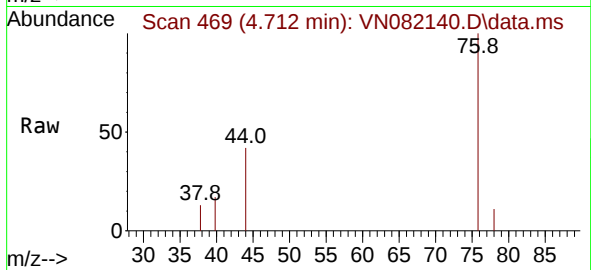
#17
Carbon Disulfide
Concen: 0.579 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 76 Resp: 3528
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3

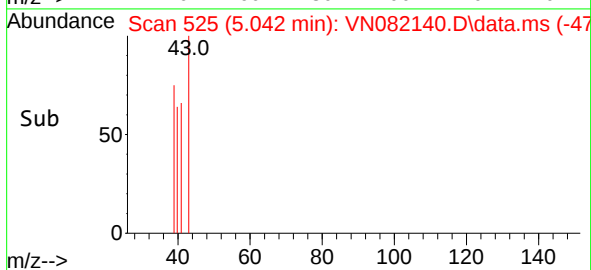
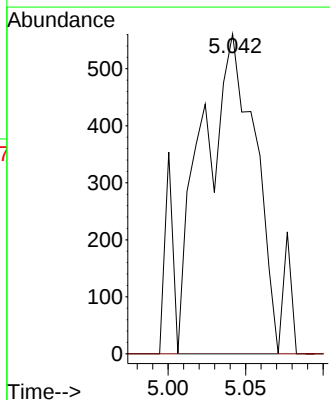
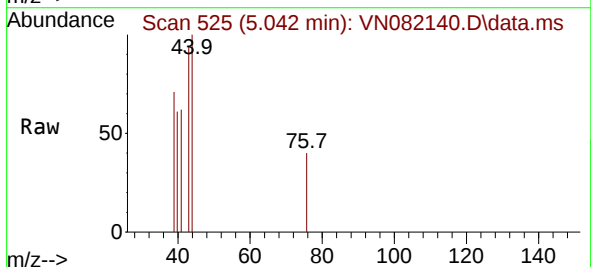
Manual Integrations
APPROVED

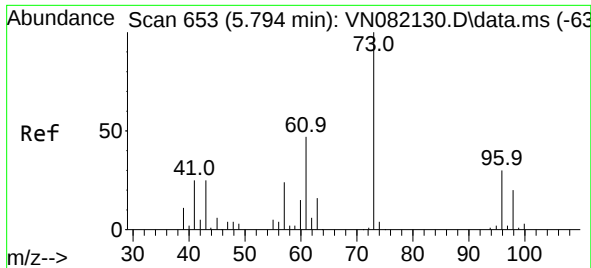
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#18
Methyl Acetate
Concen: 0.475 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#





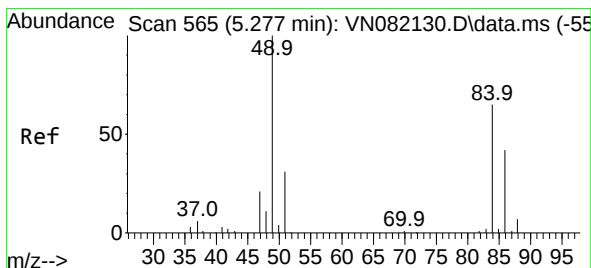
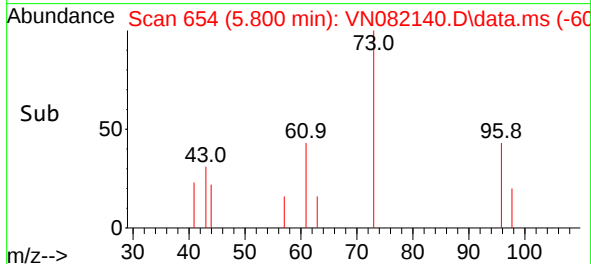
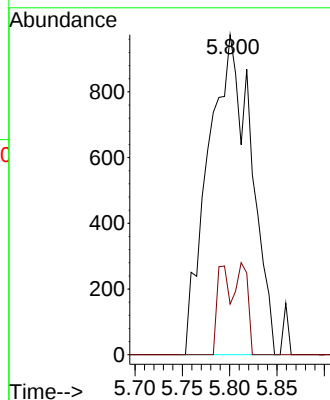
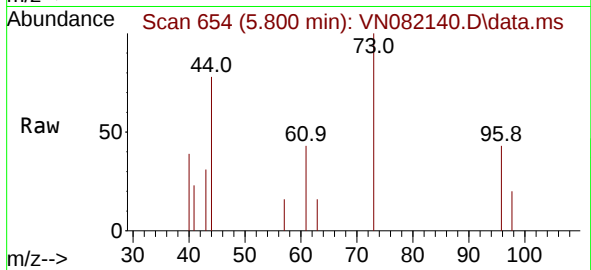
#19
Methyl tert-butyl Ether
Concen: 0.444 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 73 Resp: 306
Ion Ratio Lower Upper
73 100
57 15.8 16.5 24.7

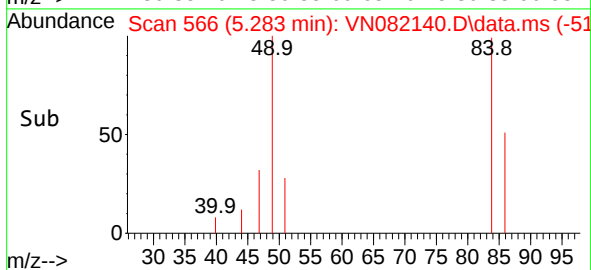
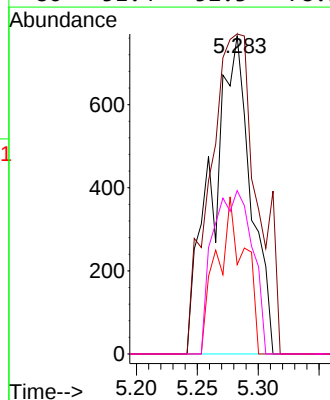
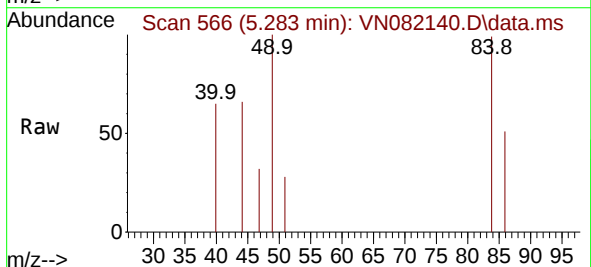
Manual Integrations
APPROVED

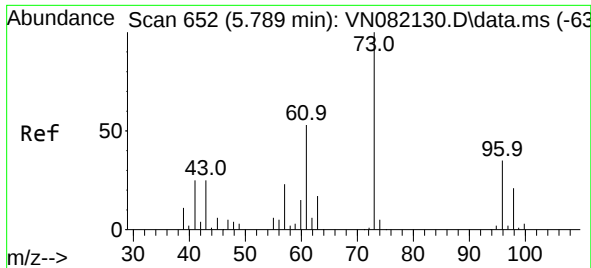
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Methylene Chloride
Concen: 0.749 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

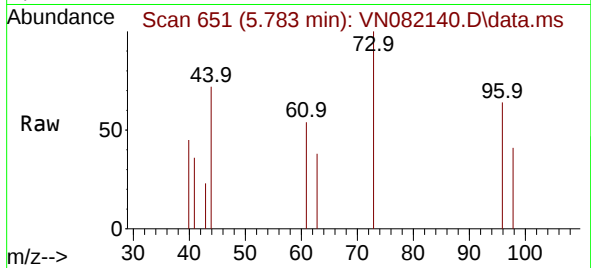
Tgt Ion: 84 Resp: 1692
Ion Ratio Lower Upper
84 100
49 100.7 84.9 127.3
51 28.1 27.0 40.6
86 51.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 0.467 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

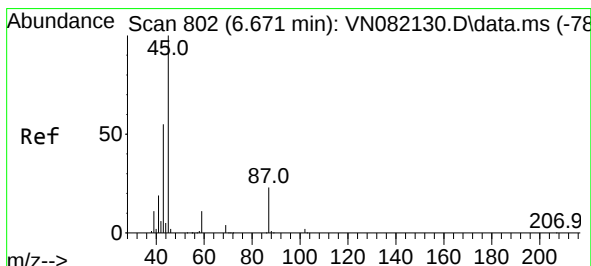
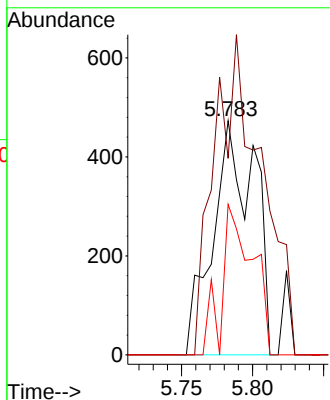
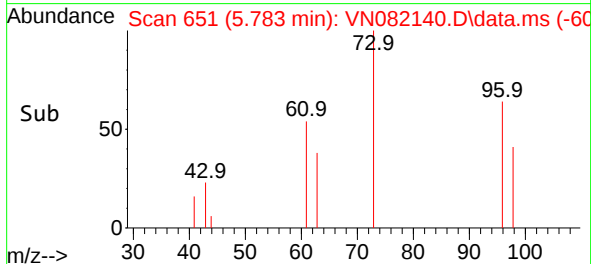
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 96 Resp: 960
Ion Ratio Lower Upper
96 100
61 83.9 96.5 144.7#
98 64.3 51.3 76.9

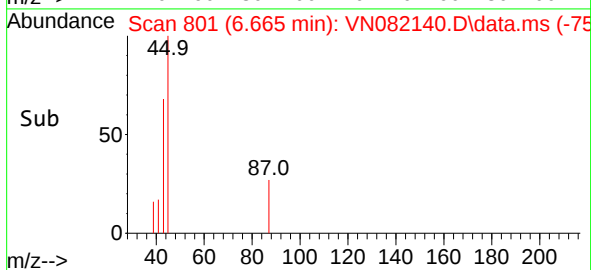
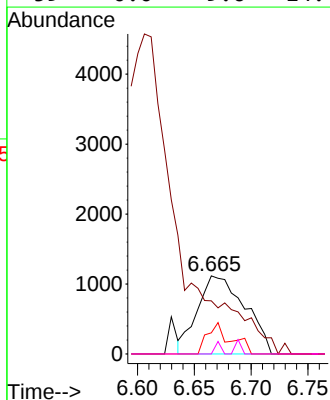
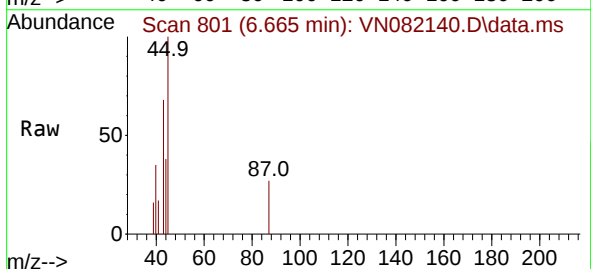
Manual Integrations
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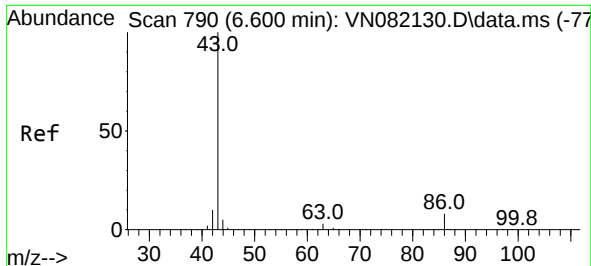
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#22
Diisopropyl ether
Concen: 0.385 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 45 Resp: 3246
Ion Ratio Lower Upper
45 100
43 68.0 44.1 66.1#
87 27.2 27.0 40.6
59 0.0 9.6 14.4#





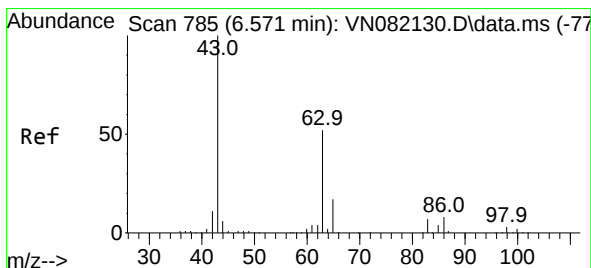
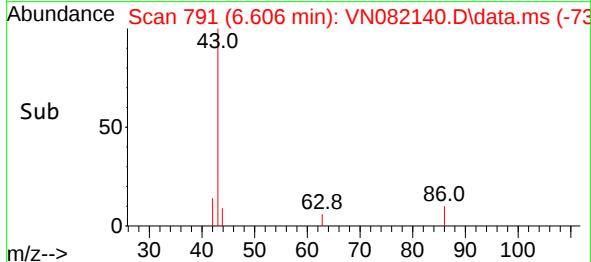
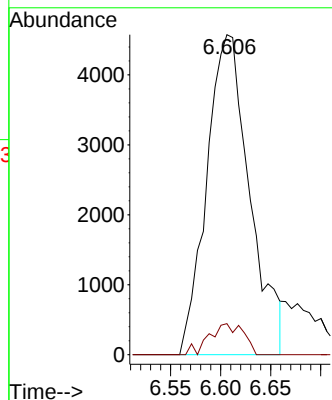
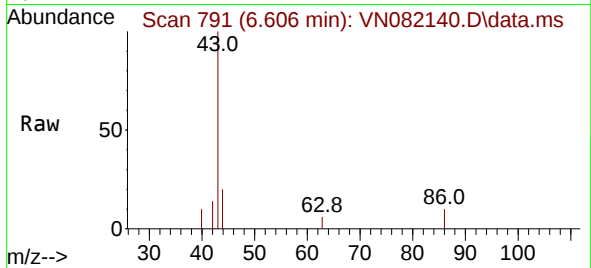
#23
 Vinyl Acetate
 Concen: 2.054 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 1367
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.2 15.4

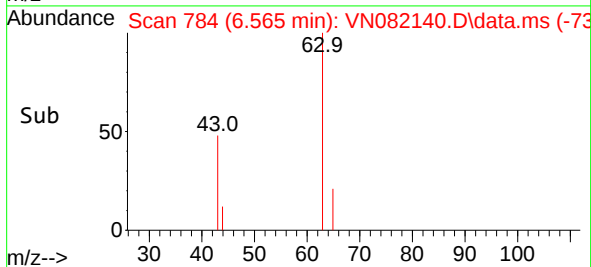
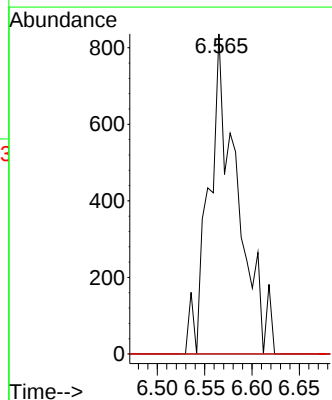
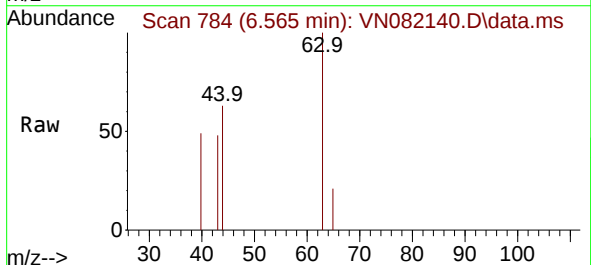
Manual Integrations
 APPROVED

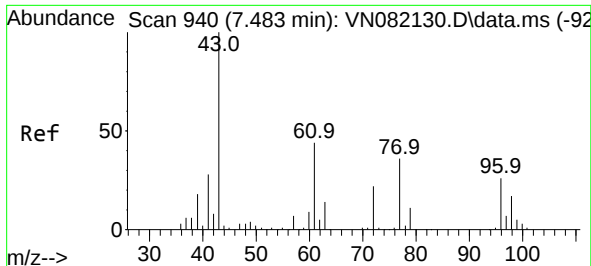
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#24
 1,1-Dichloroethane
 Concen: 0.401 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

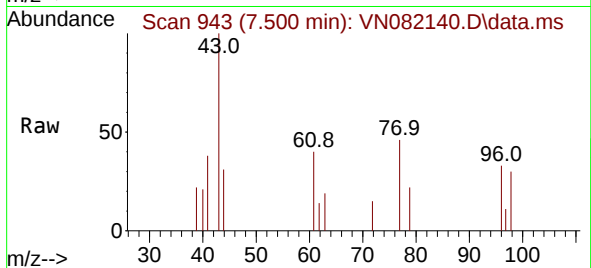
Tgt Ion: 63 Resp: 1746
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.6 7.8#





#25
2-Butanone
Concen: 2.475 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

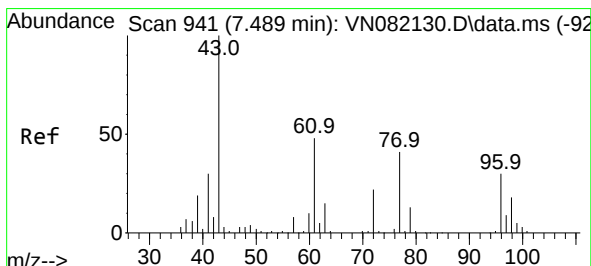
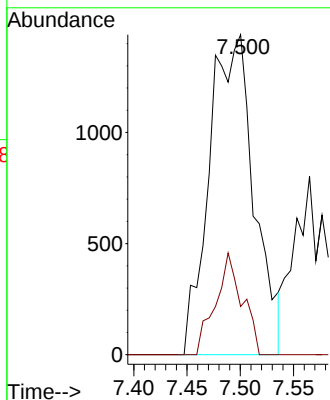
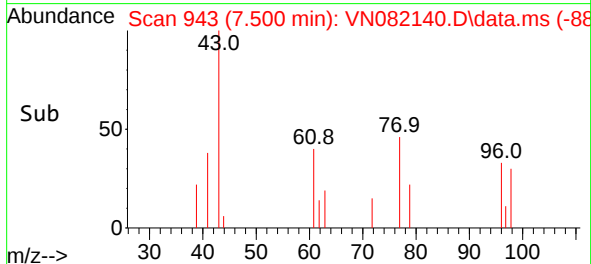
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



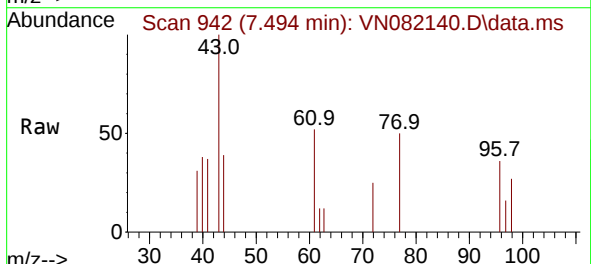
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
72 15.1 25.3 37.9

Manual Integrations
APPROVED

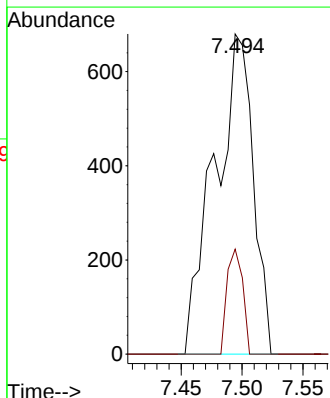
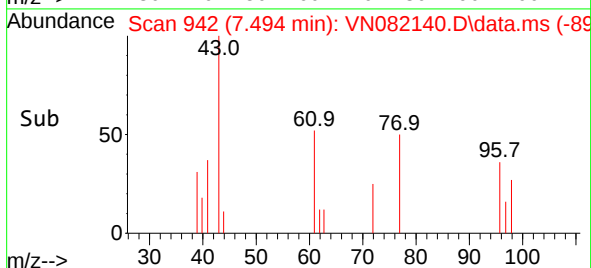
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
2,2-Dichloropropane
Concen: 0.411 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



Tgt Ion: 77 Resp: 1497
Ion Ratio Lower Upper
77 100
97 13.3 11.3 33.9





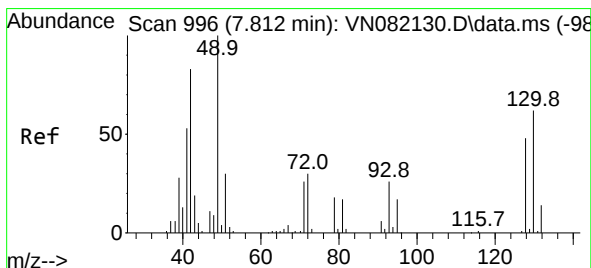
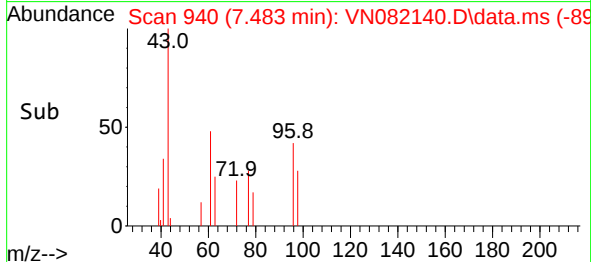
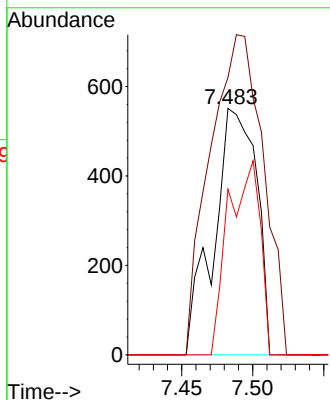
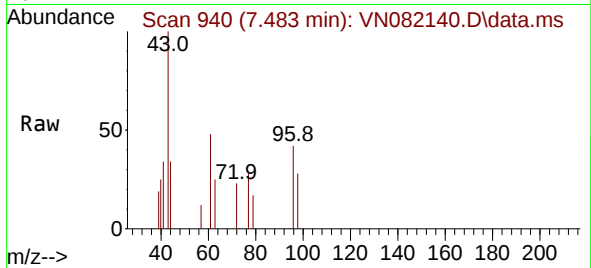
#27
 cis-1,2-Dichloroethene
 Concen: 0.476 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 96 Resp: 115
 Ion Ratio Lower Upper
 96 100
 61 161.8 0.0 268.0
 98 58.5 0.0 126.8

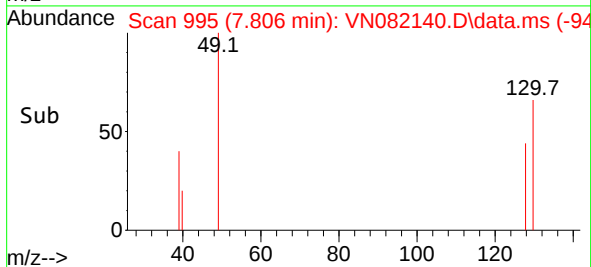
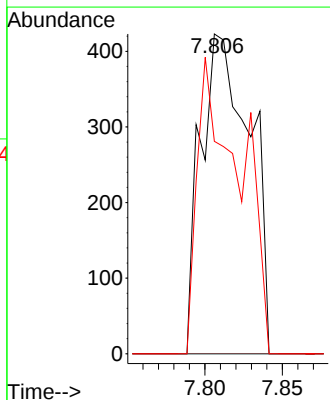
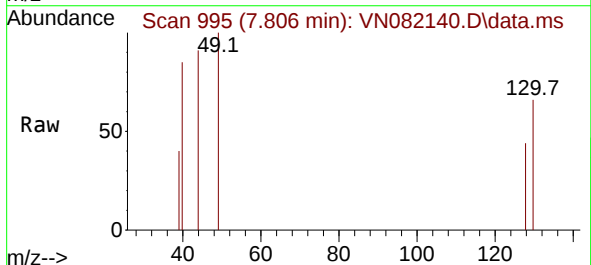
Manual Integrations
 APPROVED

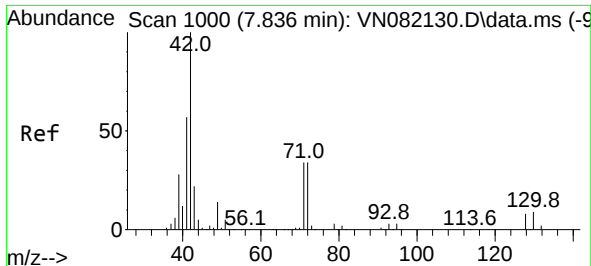
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#28
 Bromochloromethane
 Concen: 0.460 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

Tgt Ion: 49 Resp: 932
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 80.4 66.7 100.1





#29

Tetrahydrofuran

Concen: 2.192 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN082140.D

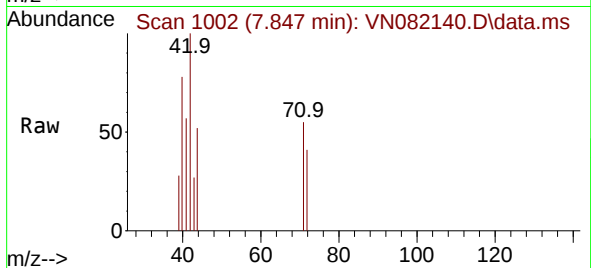
Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 42 Resp: 2390

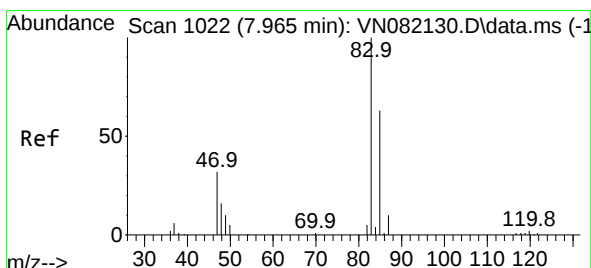
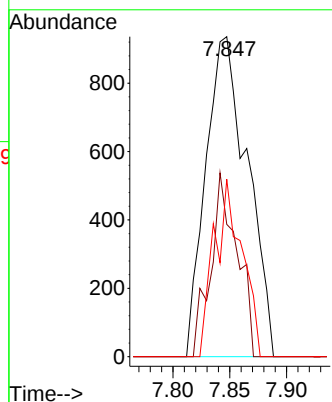
Ion	Ratio	Lower	Upper
42	100		
72	36.3	39.3	58.9
71	37.0	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#30

Chloroform

Concen: 0.458 ug/l

RT: 7.965 min Scan# 1022

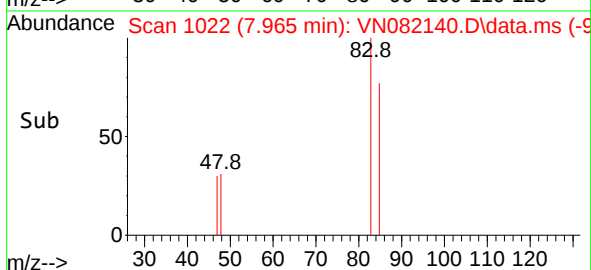
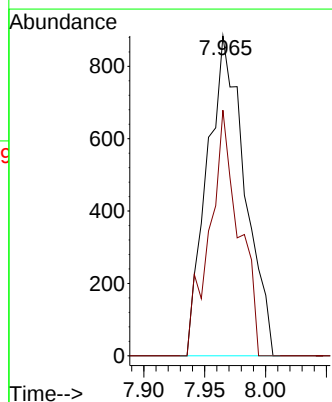
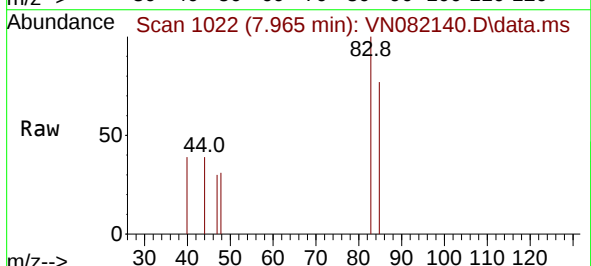
Delta R.T. -0.000 min

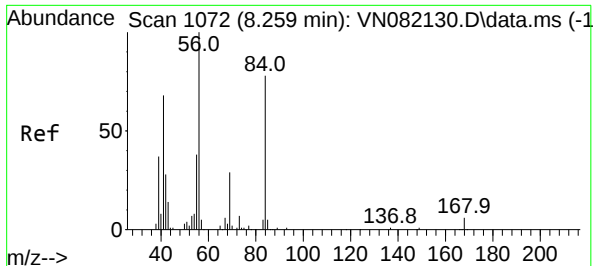
Lab File: VN082140.D

Acq: 15 May 2024 18:50

Tgt Ion: 83 Resp: 1904

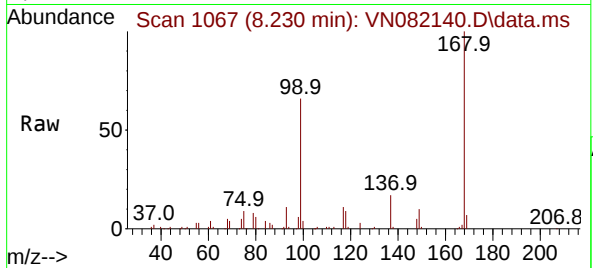
Ion	Ratio	Lower	Upper
83	100		
85	76.8	50.7	76.1





#31
Cyclohexane
Concen: 1.603 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

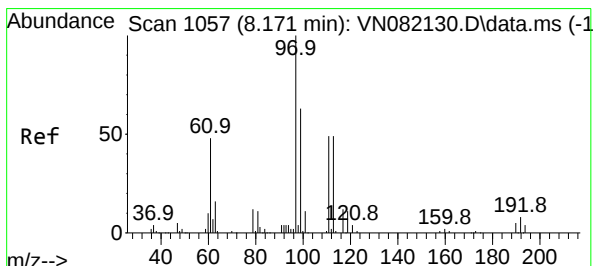
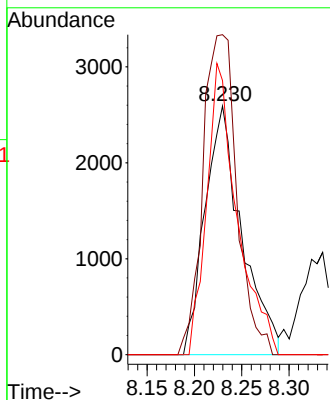
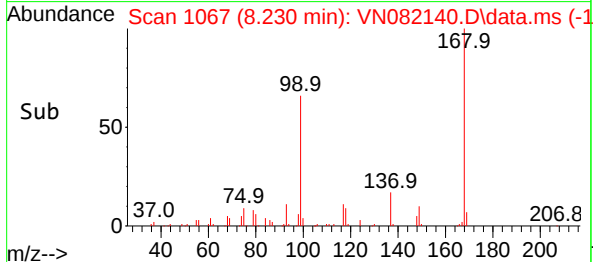
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 56 Resp: 6988
Ion Ratio Lower Upper
56 100
69 128.7 24.4 36.6
84 110.3 77.0 115.4

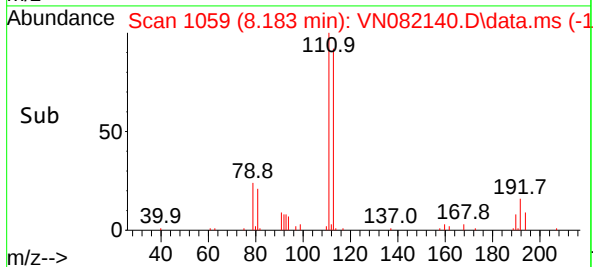
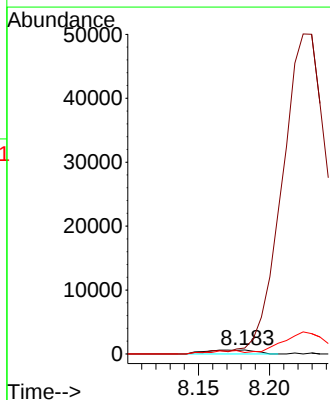
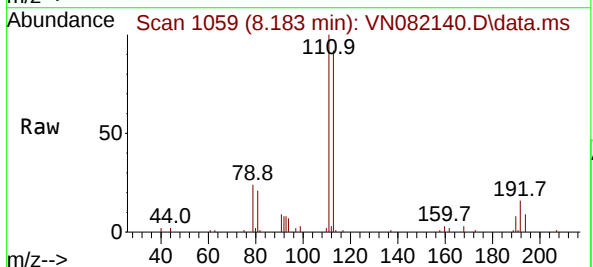
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#32
1,1,1-Trichloroethane
Concen: 0.409 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

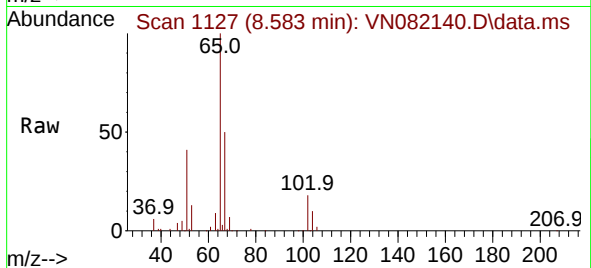
Tgt Ion: 97 Resp: 1507
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 55.5 36.6 55.0#





#33
1,2-Dichloroethane-d4
Concen: 56.050 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

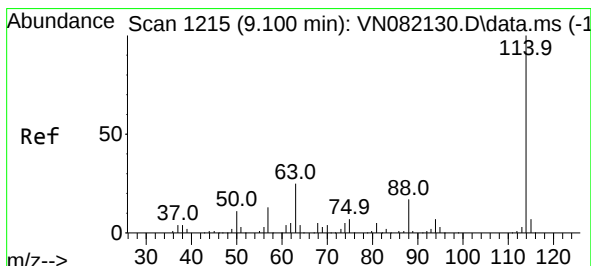
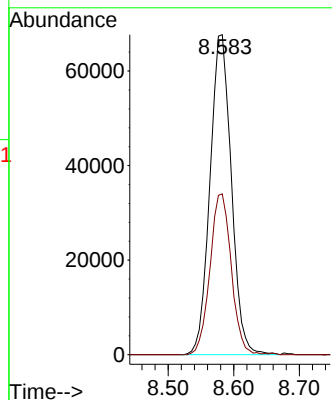
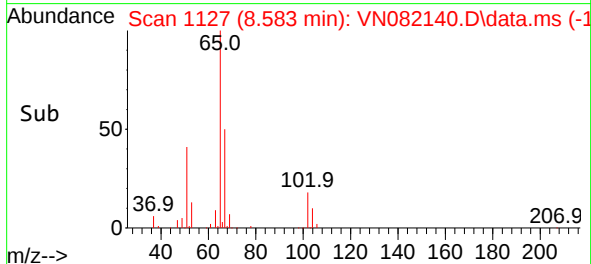
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



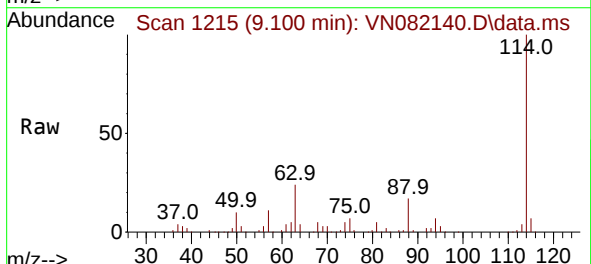
Tgt Ion: 65 Resp: 153019
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0

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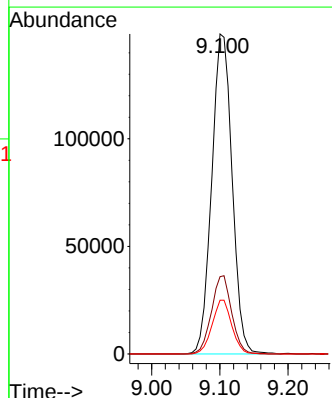
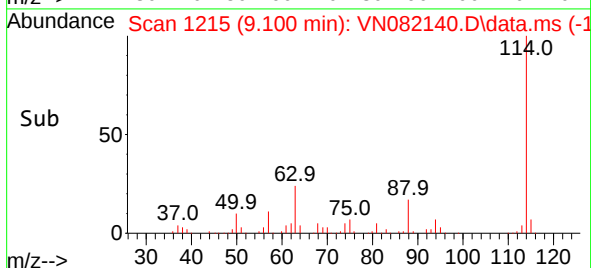
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

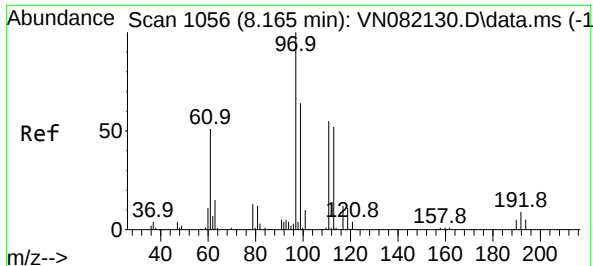


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



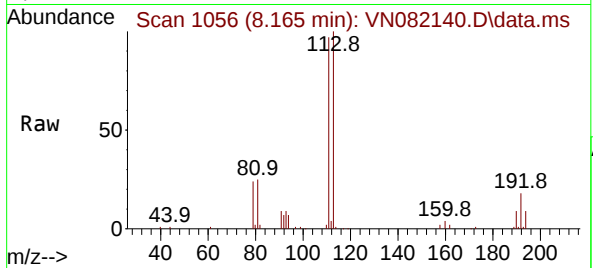
Tgt Ion:114 Resp: 309760
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.0
88 16.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.909 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

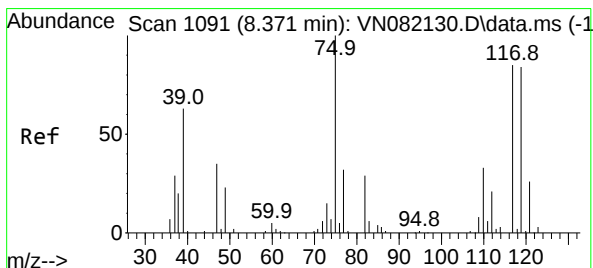
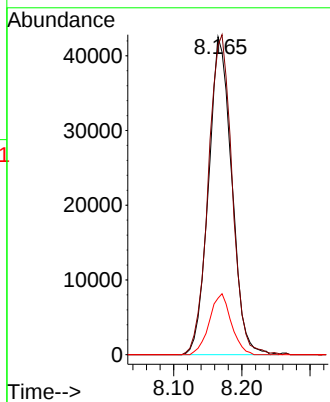
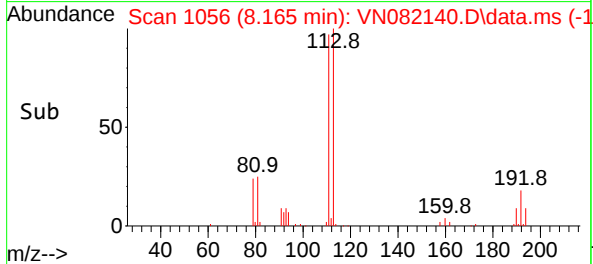
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



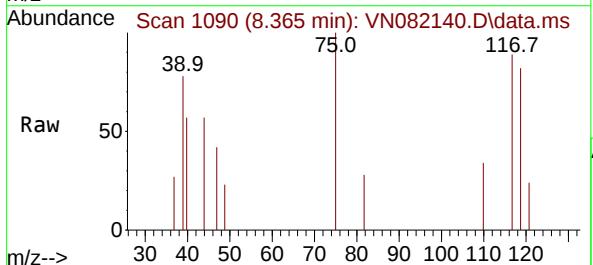
Tgt Ion: 113 Resp: 100819
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 18.1 14.0 21.0

Manual Integrations
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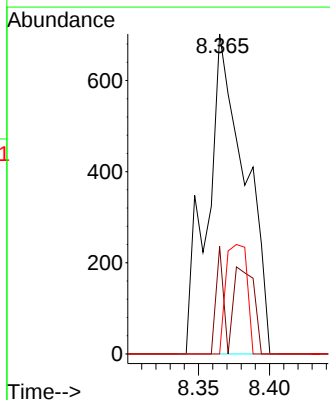
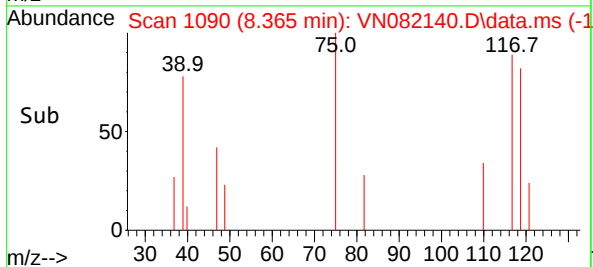
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

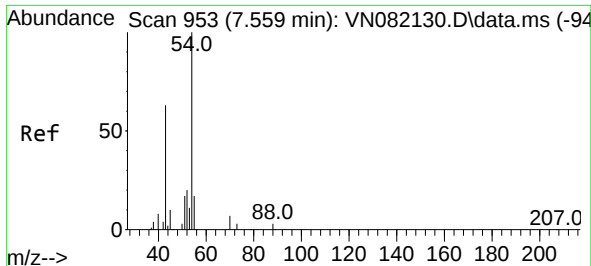


#36
1,1-Dichloropropene
Concen: 0.404 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



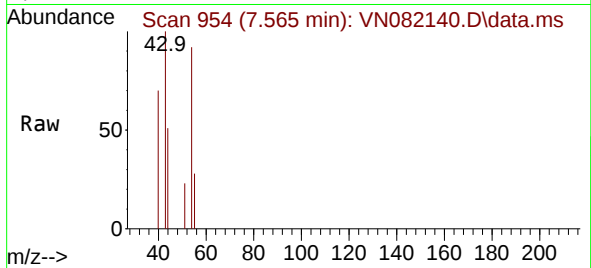
Tgt Ion: 75 Resp: 1292
Ion Ratio Lower Upper
75 100
110 6.4 17.8 53.5#
77 0.0 25.0 37.4#





#37
Ethyl Acetate
Concen: 0.468 ug/l m
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

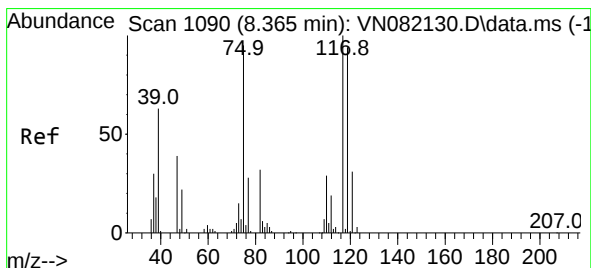
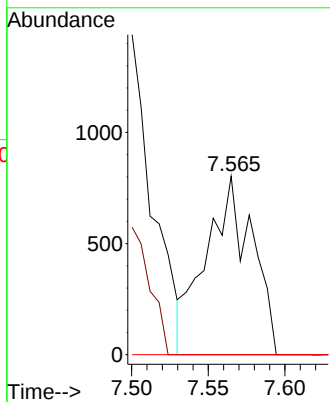
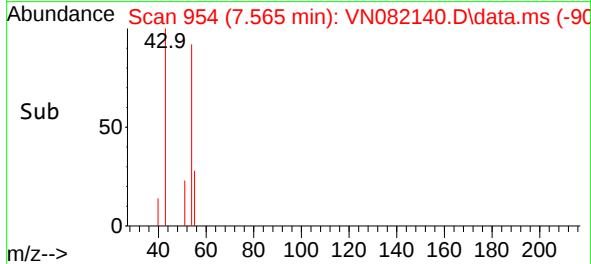
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9
70 0.0 8.7 13.1

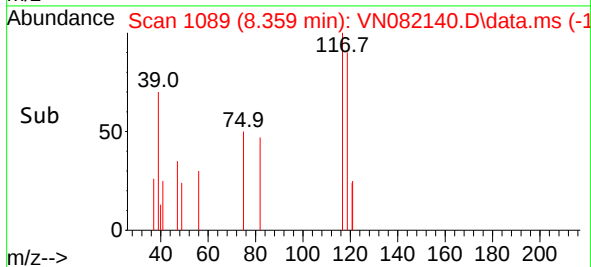
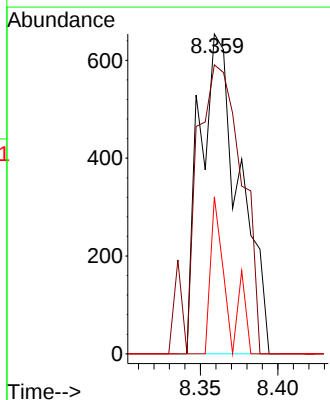
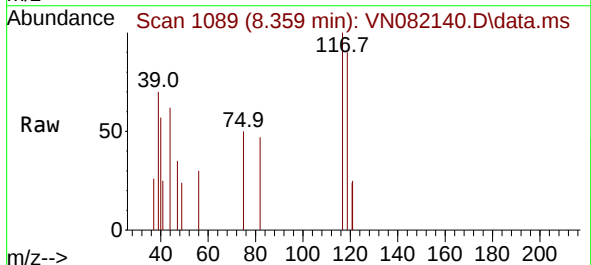
Manual Integrations
APPROVED

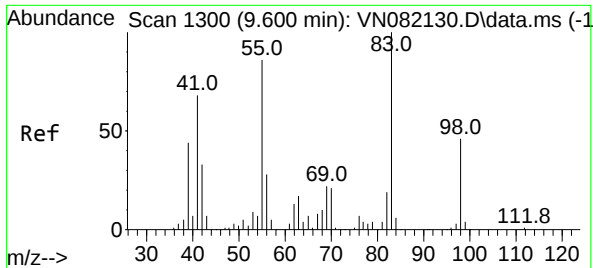
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Carbon Tetrachloride
Concen: 0.363 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

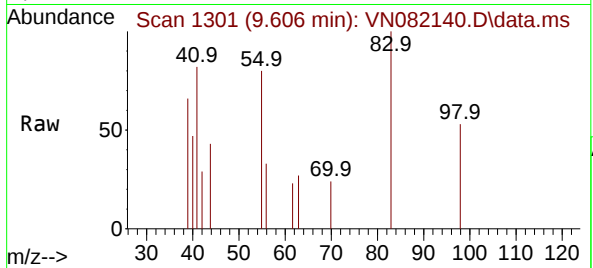
Tgt Ion:117 Resp: 1176
Ion Ratio Lower Upper
117 100
119 90.4 76.5 114.7
121 49.1 23.9 35.9





#39
Methylcyclohexane
Concen: 0.418 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

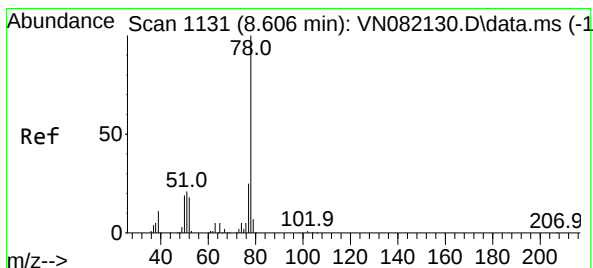
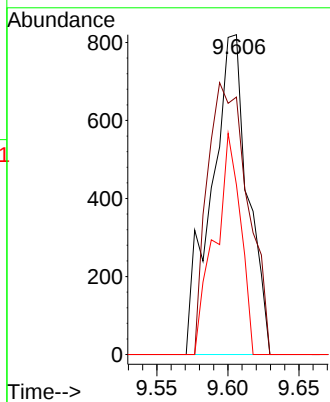
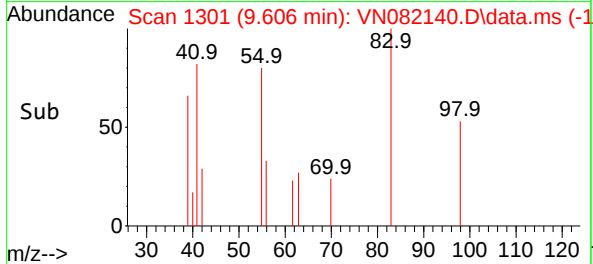
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 83 Resp: 146
Ion Ratio Lower Upper
83 100
55 80.5 53.0 79.6
98 53.0 37.1 55.7

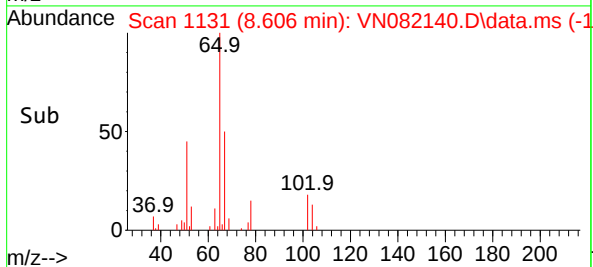
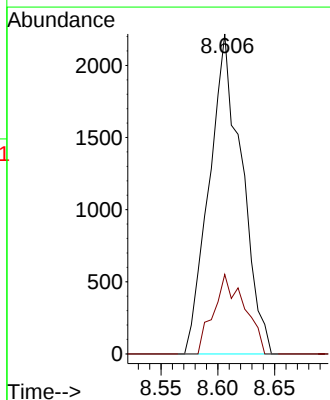
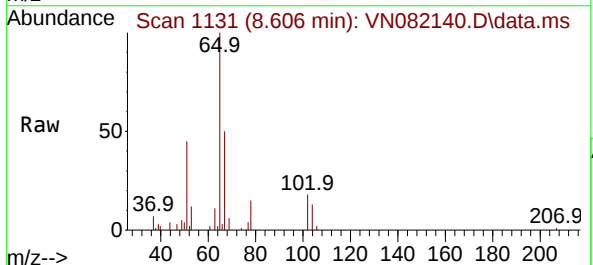
Manual Integrations
APPROVED

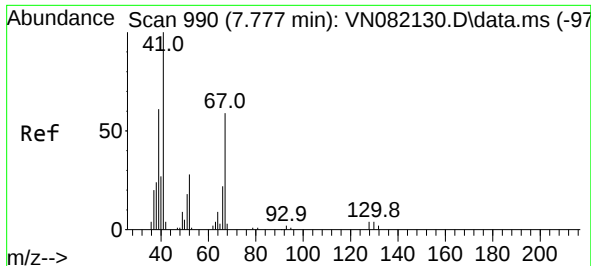
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#40
Benzene
Concen: 0.463 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

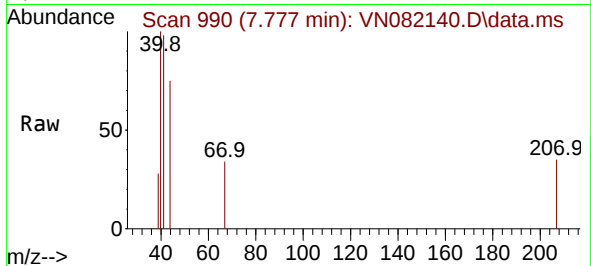
Tgt Ion: 78 Resp: 4415
Ion Ratio Lower Upper
78 100
77 24.8 20.0 30.0





#41
Methacrylonitrile
Concen: 0.426 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

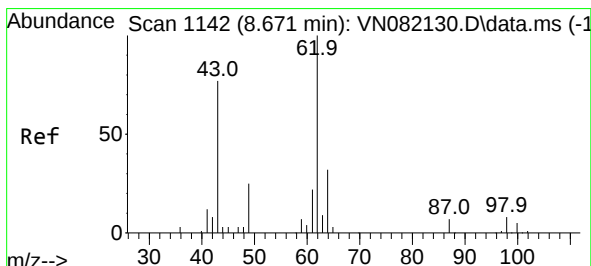
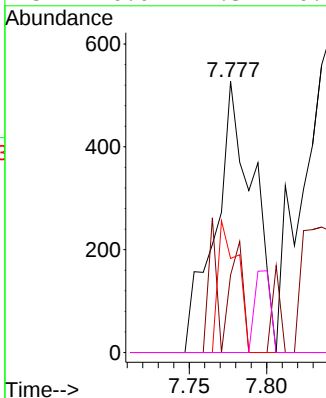
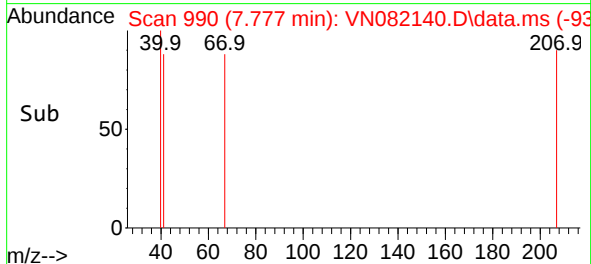
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	41	Resp:	89
Ion Ratio	100	Lower	Upper
39	14.5	46.6	69.8
67	24.7	67.3	100.9
52	0.0	27.3	40.9

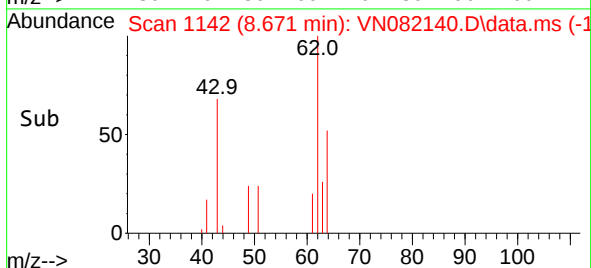
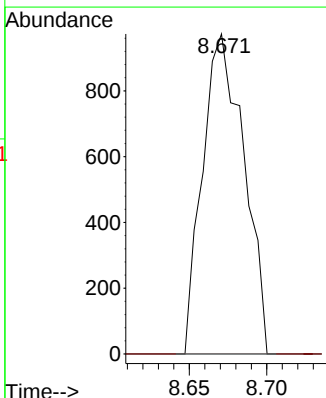
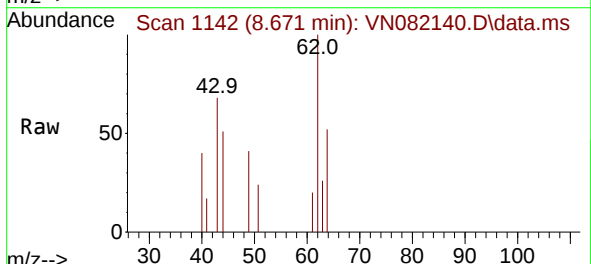
Manual Integrations
APPROVED

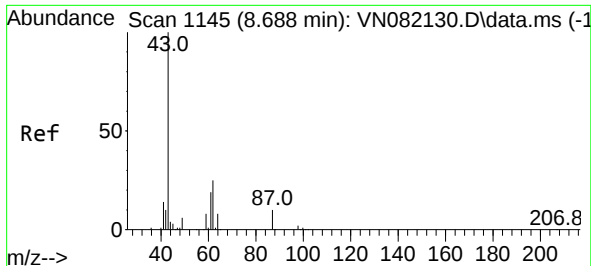
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
1,2-Dichloroethane
Concen: 0.492 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion:	62	Resp:	1803
Ion Ratio	100	Lower	Upper
98	0.0	0.0	19.6





#43

Isopropyl Acetate

Concen: 0.464 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082140.D

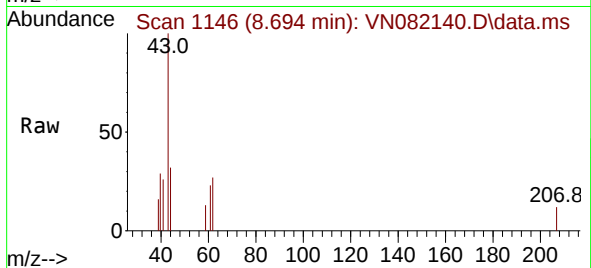
Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



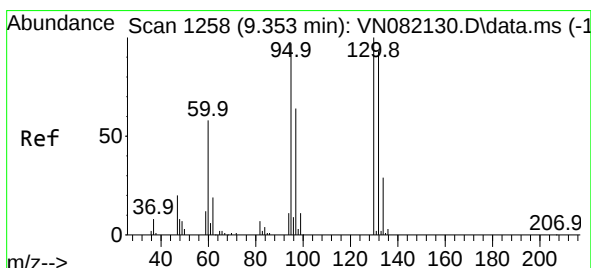
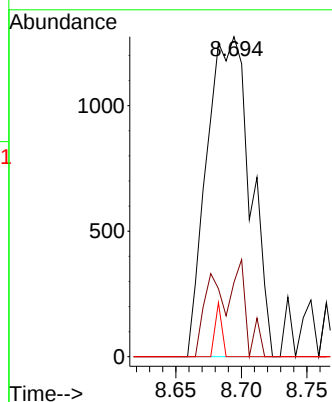
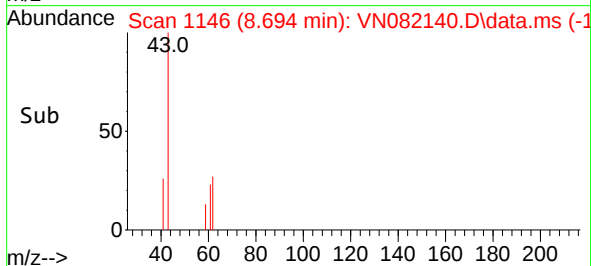
Tgt Ion: 43	Resp: 2938
Ion Ratio	Lower Upper
43	100
61	10.0 22.8 34.2
87	0.0 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#44

Trichloroethene

Concen: 0.486 ug/l

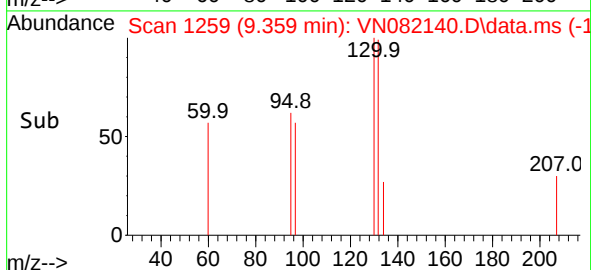
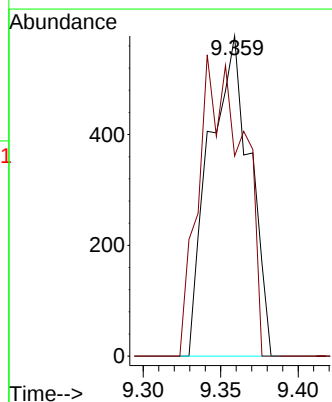
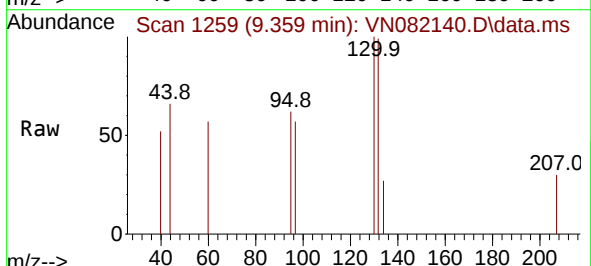
RT: 9.359 min Scan# 1259

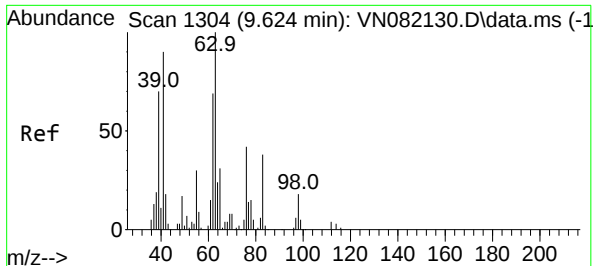
Delta R.T. 0.006 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

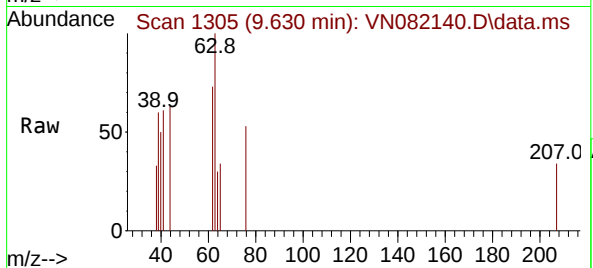
Tgt Ion:130	Resp: 1052
Ion Ratio	Lower Upper
130	100
95	62.5 0.0 195.4





#45
1,2-Dichloropropane
Concen: 0.397 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

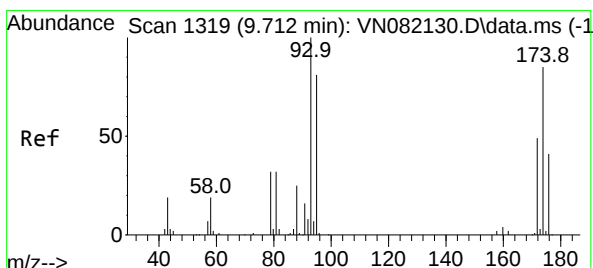
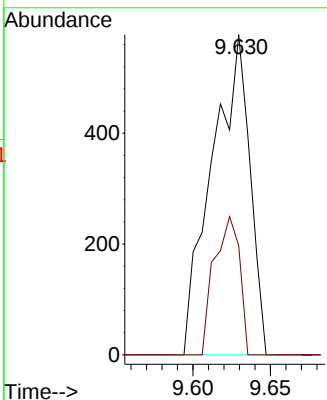
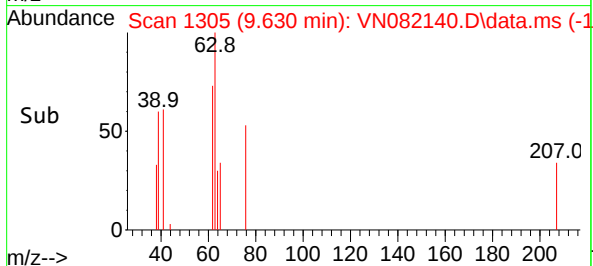
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 63 Resp: 970
Ion Ratio Lower Upper
63 100
65 34.1 24.1 36.1

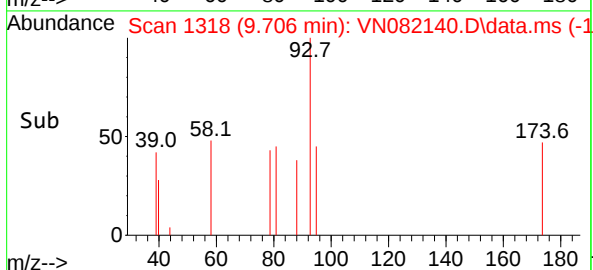
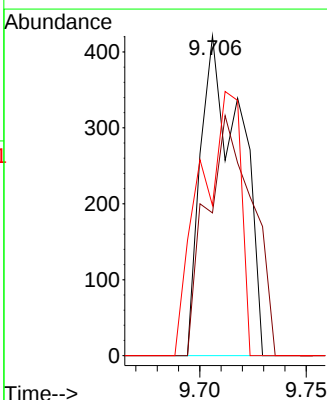
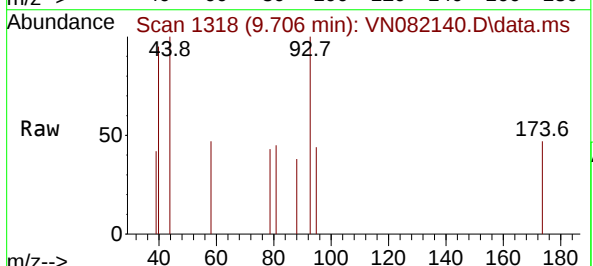
Manual Integrations
APPROVED

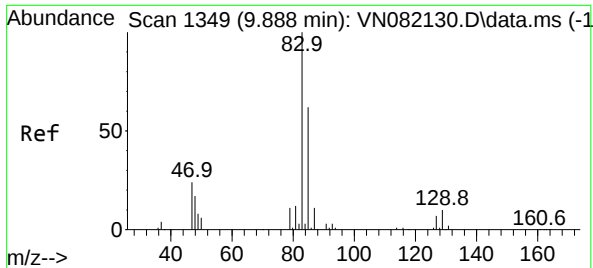
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#46
Dibromomethane
Concen: 0.340 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 93 Resp: 549
Ion Ratio Lower Upper
93 100
95 86.0 64.8 97.2
174 83.1 73.4 110.0





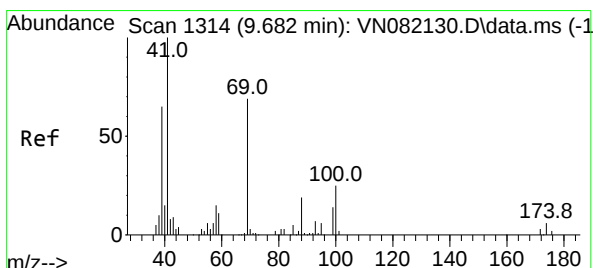
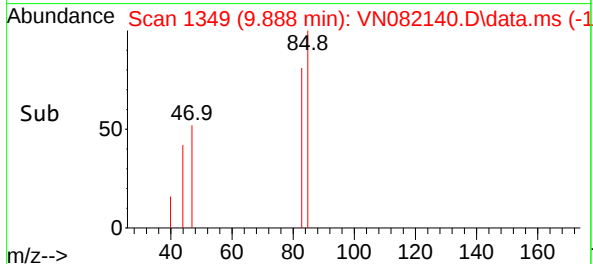
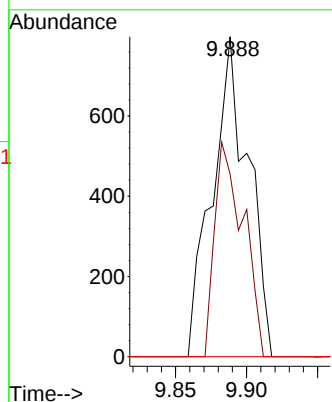
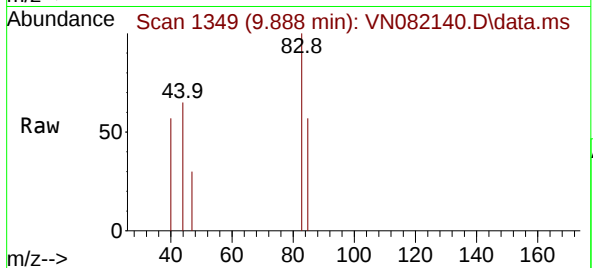
#47
Bromodichloromethane
Concen: 0.414 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83 Resp: 141
Ion Ratio Lower Upper
83 100
85 57.0 51.9 77.9
127 0.0 7.5 11.3

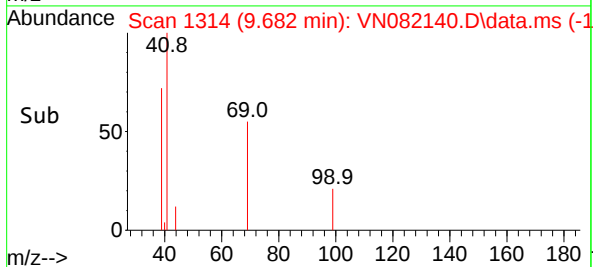
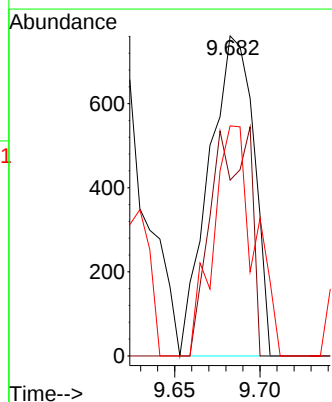
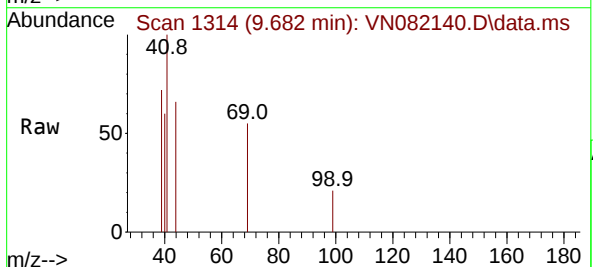
Manual Integrations
APPROVED

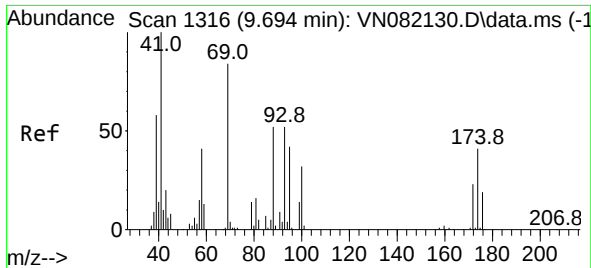
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#48
Methyl methacrylate
Concen: 0.463 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

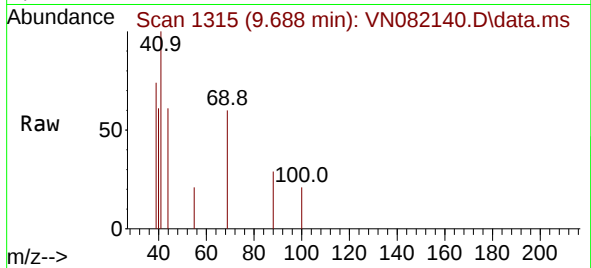
Tgt Ion: 41 Resp: 1398
Ion Ratio Lower Upper
41 100
69 61.6 77.9 116.9
39 66.0 50.9 76.3





#49
1,4-Dioxane
Concen: 8.130 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

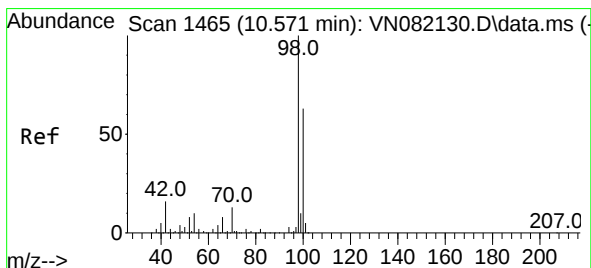
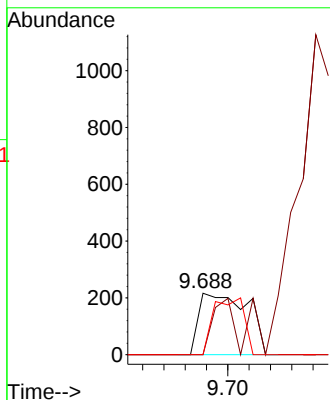
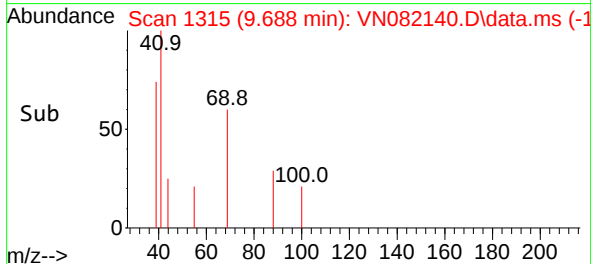
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 88 Resp: 344
Ion Ratio Lower Upper
88 100
43 37.2 19.0 28.6
58 57.6 50.6 76.0

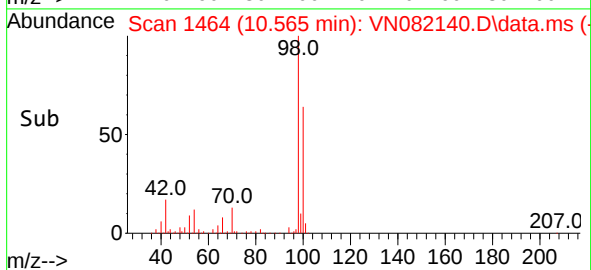
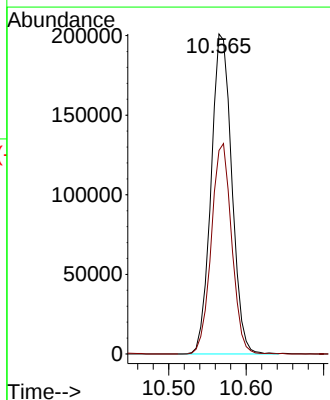
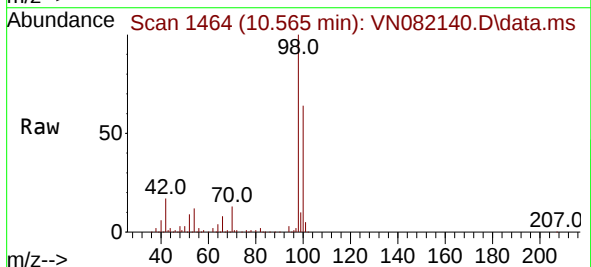
Manual Integrations
APPROVED

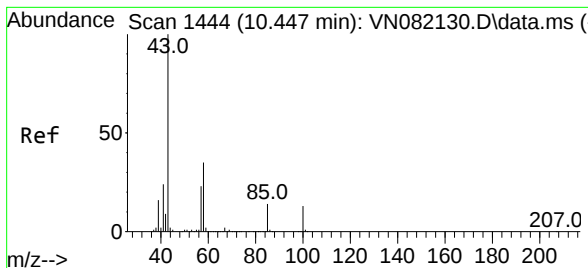
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#50
Toluene-d8
Concen: 50.999 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 98 Resp: 372573
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6





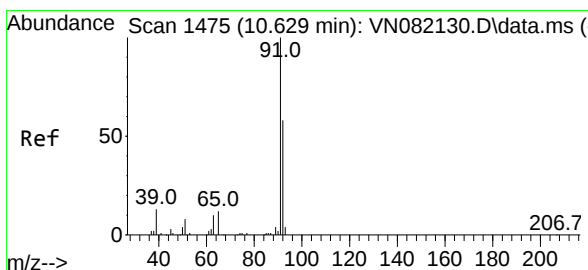
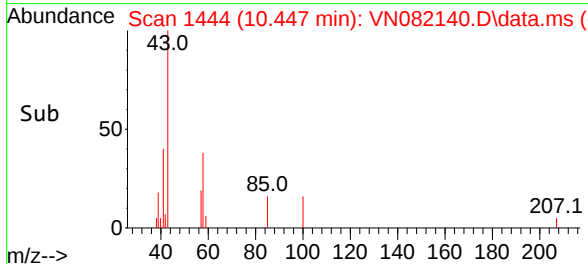
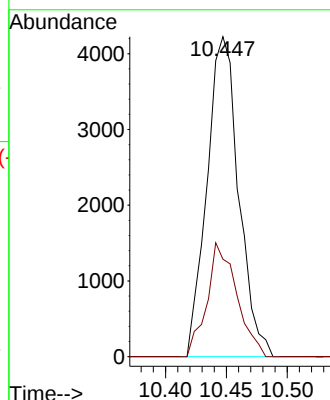
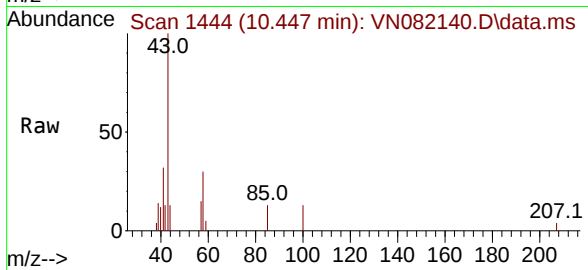
#51
4-Methyl-2-Pentanone
Concen: 2.126 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 7650
Ion Ratio Lower Upper
43 100
58 33.3 33.2 49.8

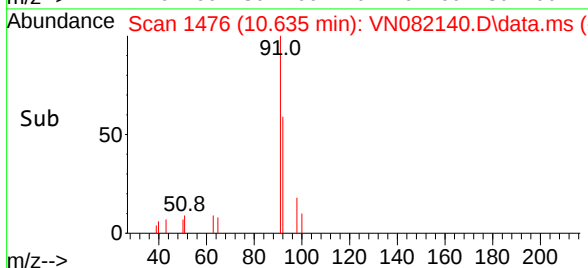
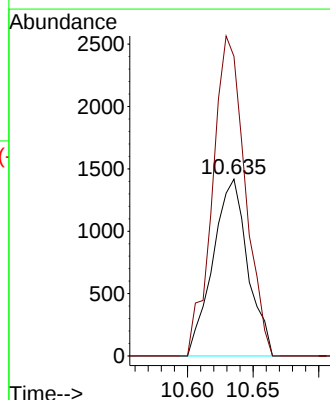
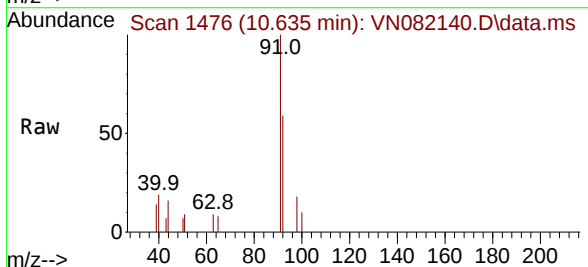
Manual Integrations
APPROVED

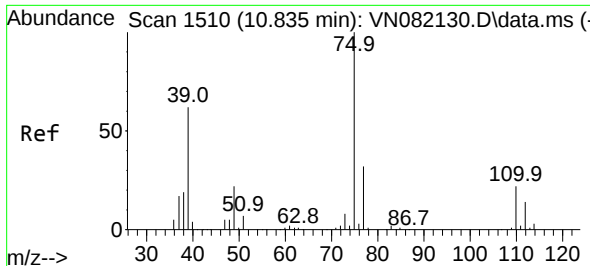
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#52
Toluene
Concen: 0.458 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

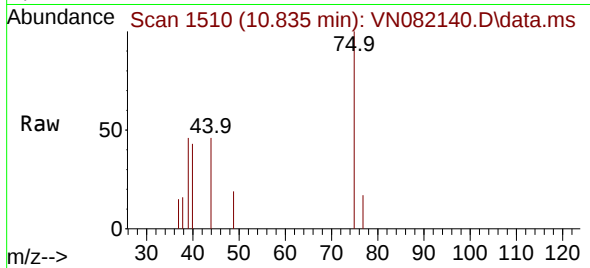
Tgt Ion: 92 Resp: 2622
Ion Ratio Lower Upper
92 100
91 169.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 0.426 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

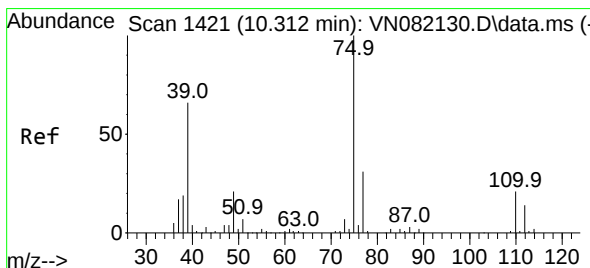
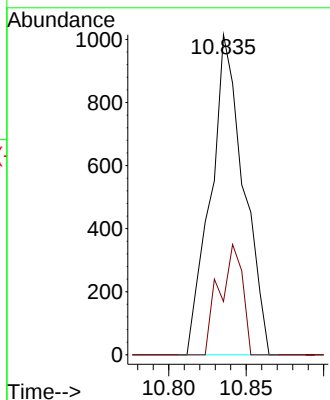
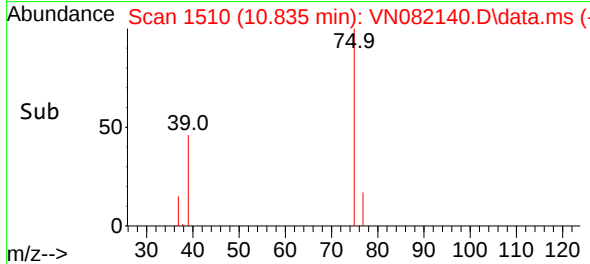
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



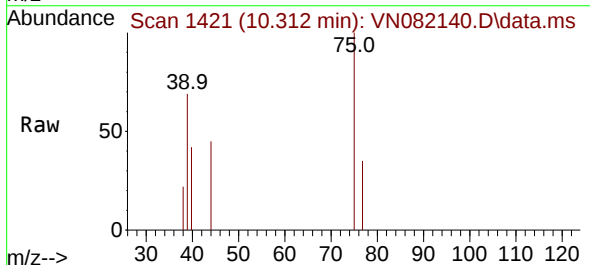
Tgt Ion: 75 Resp: 150
Ion Ratio Lower Upper
75 100
77 16.7 25.4 38.0

Manual Integrations
APPROVED

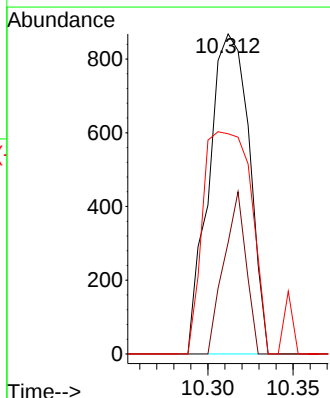
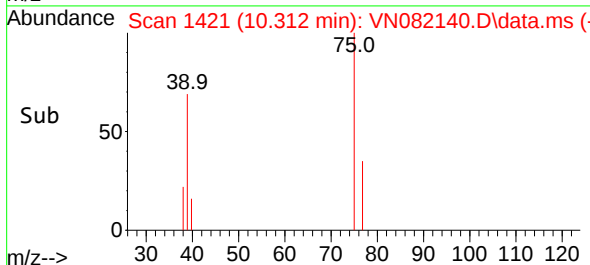
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

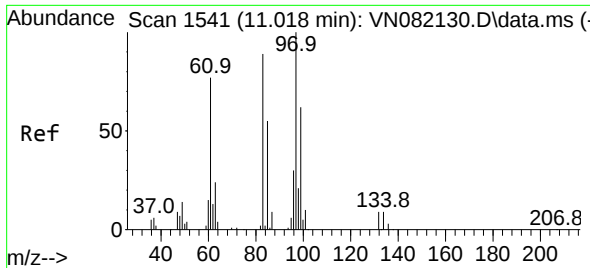


#54
cis-1,3-Dichloropropene
Concen: 0.382 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



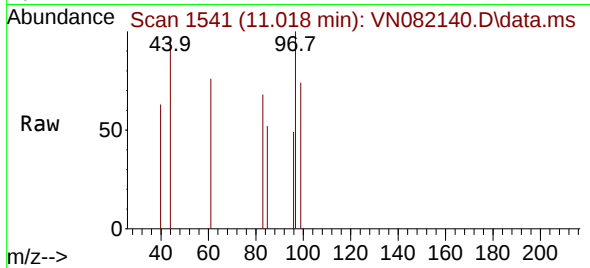
Tgt Ion: 75 Resp: 1426
Ion Ratio Lower Upper
75 100
77 34.8 25.0 37.4
39 68.8 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 0.384 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

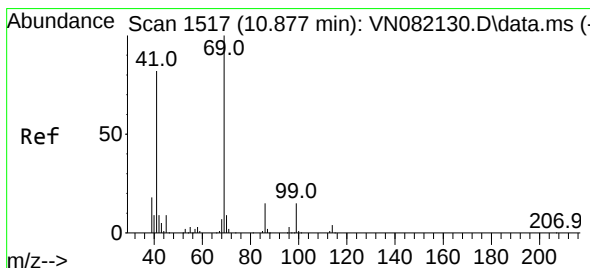
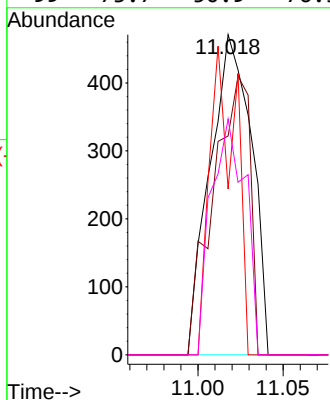
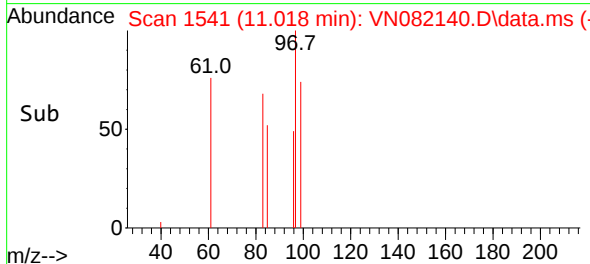
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



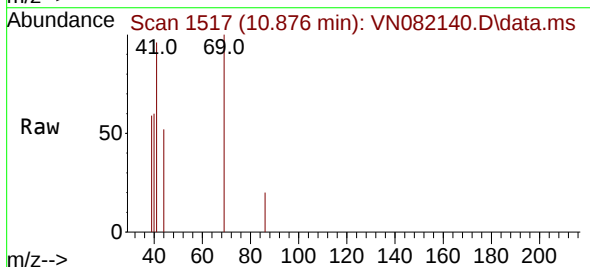
Tgt Ion:	97	Resp:	798
Ion	Ratio	Lower	Upper
97	100		
83	68.4	70.4	105.6
85	51.8	45.6	68.4
99	73.7	50.9	76.3

Manual Integrations
APPROVED

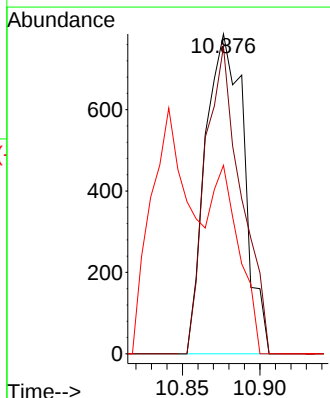
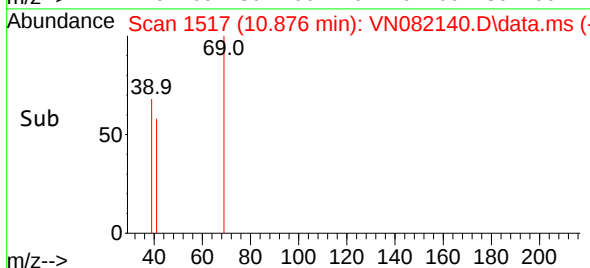
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

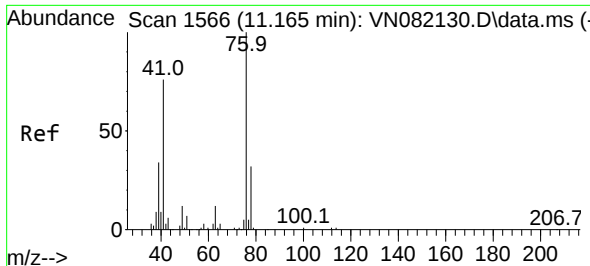


#56
Ethyl methacrylate
Concen: 0.386 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



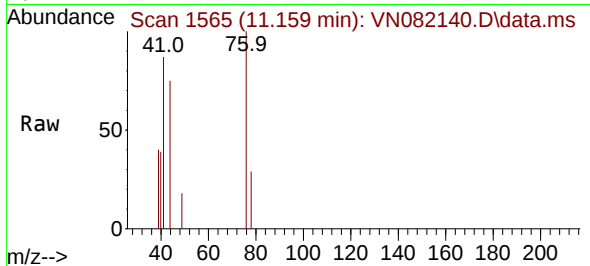
Tgt Ion:	69	Resp:	1361
Ion	Ratio	Lower	Upper
69	100		
41	89.4	46.6	70.0
39	41.4	26.5	39.7





#57
1,3-Dichloropropane
Concen: 0.366 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

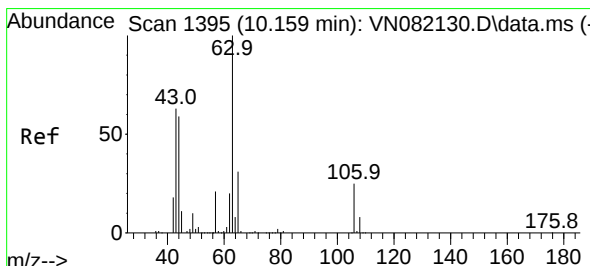
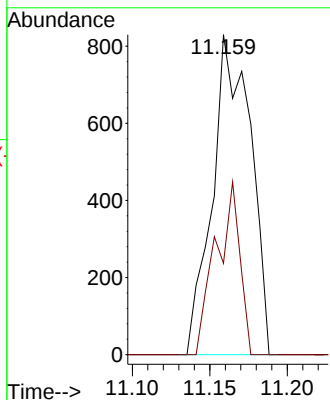
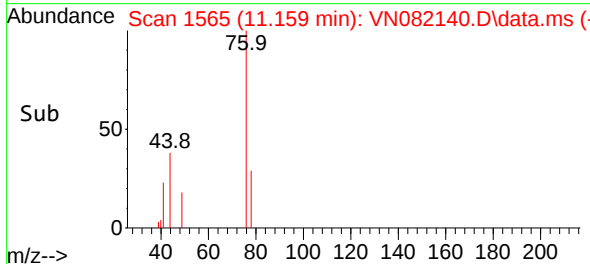
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 76 Resp: 142
Ion Ratio Lower Upper
76 100
78 33.8 25.8 38.6

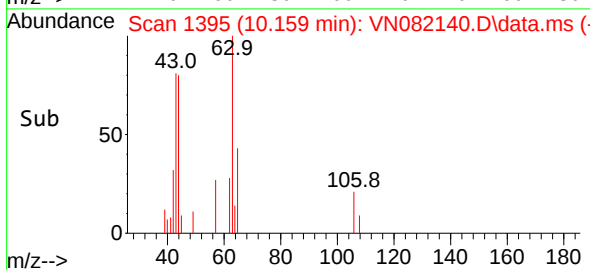
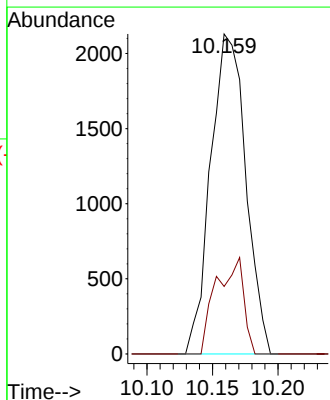
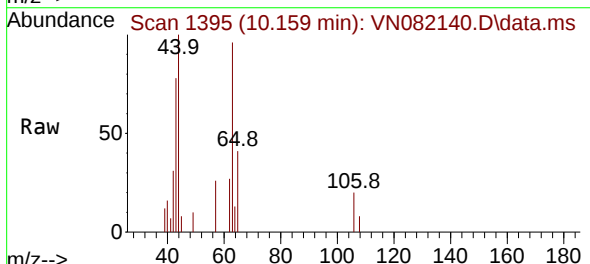
Manual Integrations
APPROVED

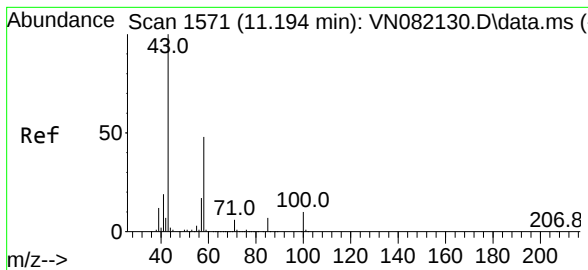
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 2.180 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 63 Resp: 3968
Ion Ratio Lower Upper
63 100
106 23.5 24.6 36.8#





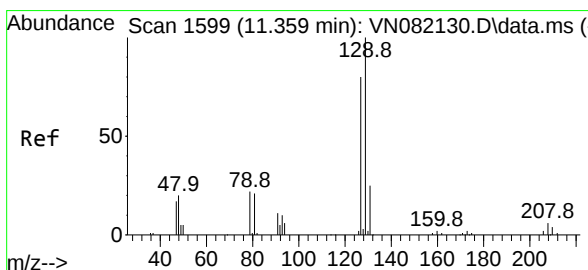
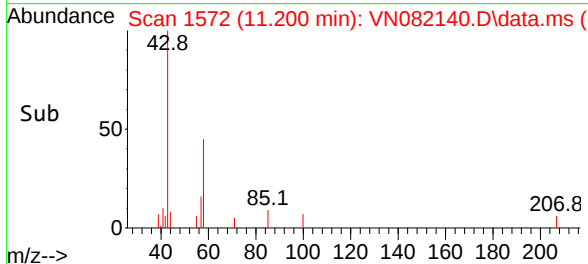
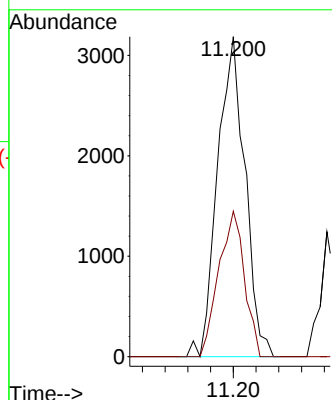
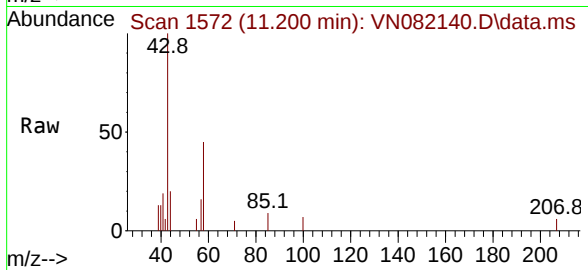
#59
2-Hexanone
Concen: 2.021 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 5329
Ion Ratio Lower Upper
43 100
58 42.5 28.3 84.9

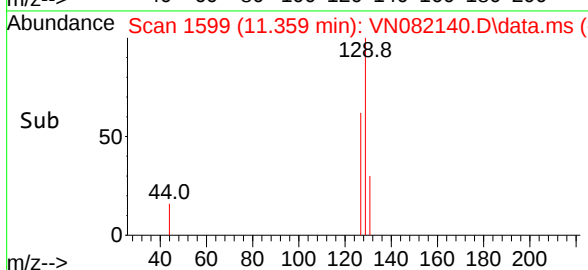
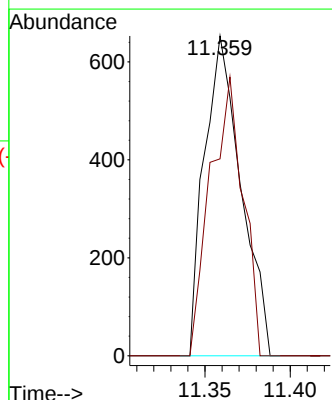
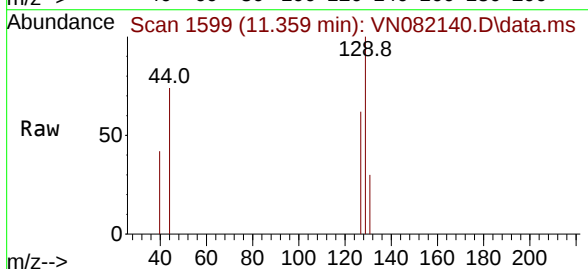
Manual Integrations
APPROVED

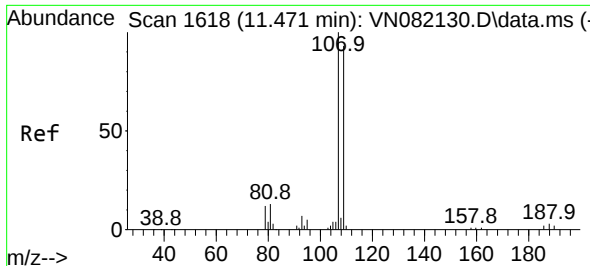
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#60
Dibromochloromethane
Concen: 0.426 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

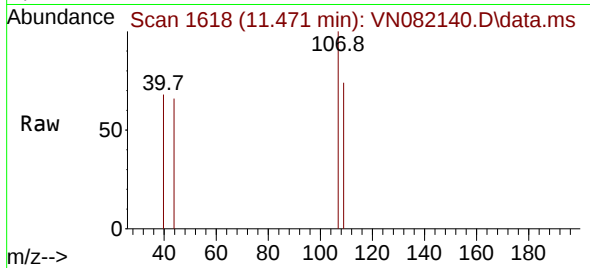
Tgt Ion:129 Resp: 976
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





#61
1,2-Dibromoethane
Concen: 0.425 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

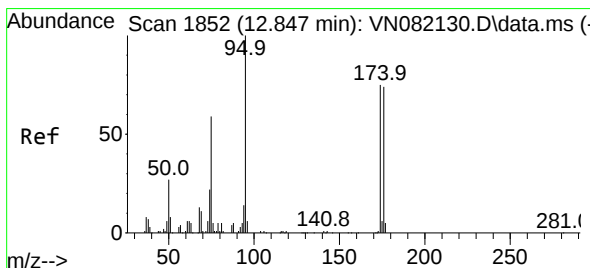
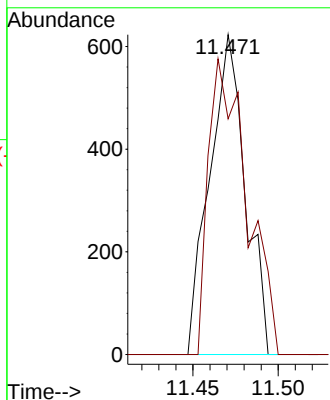
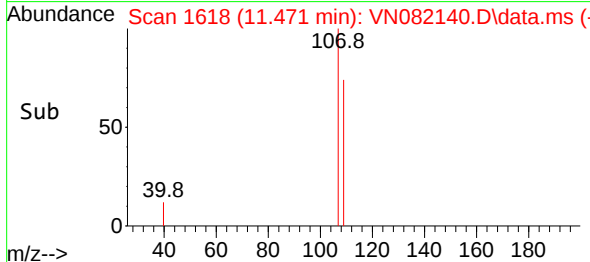
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



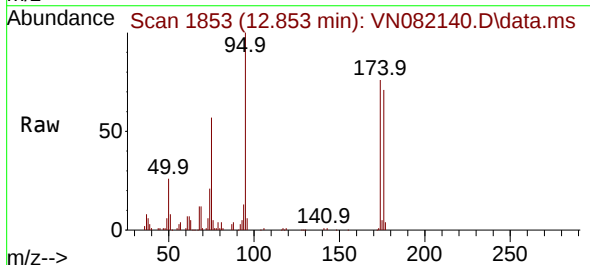
Tgt Ion:107 Resp: 907
Ion Ratio Lower Upper
107 100
109 99.8 75.8 113.6

Manual Integrations
APPROVED

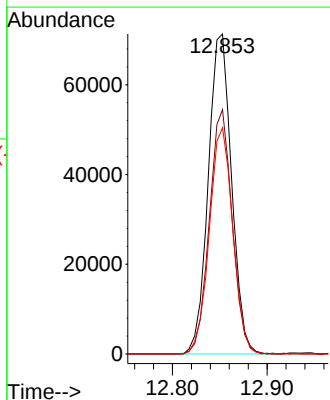
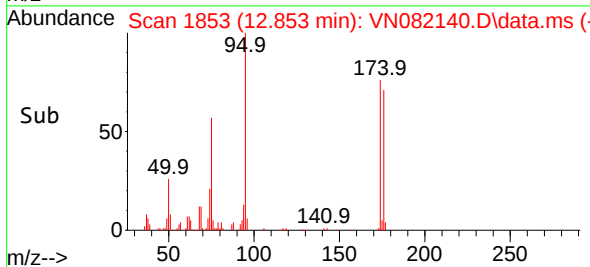
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

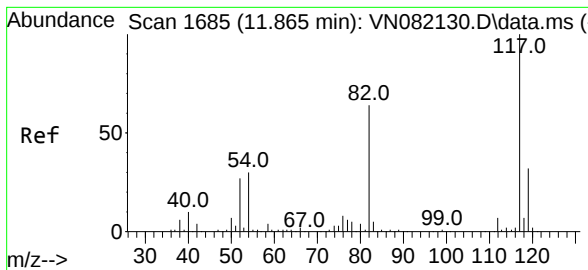


#62
4-Bromofluorobenzene
Concen: 46.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



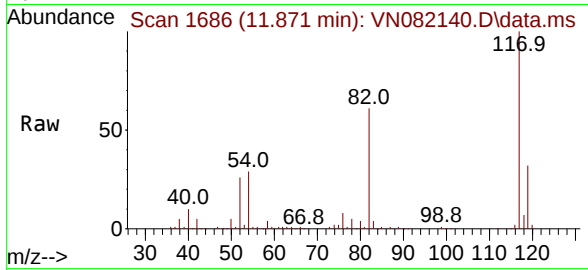
Tgt Ion: 95 Resp: 122134
Ion Ratio Lower Upper
95 100
174 74.8 0.0 160.6
176 71.1 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

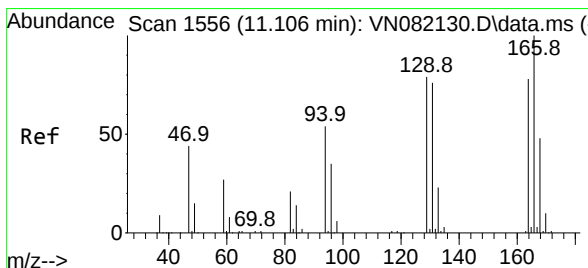
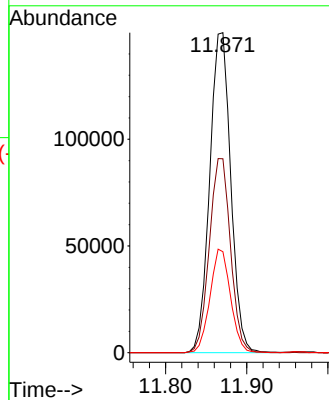
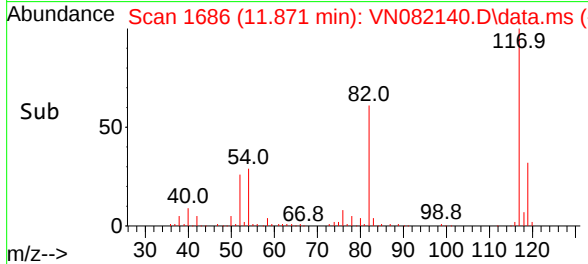
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



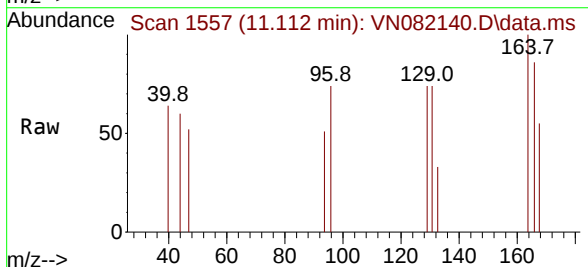
Tgt Ion:117 Resp: 26982
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 31.5 25.9 38.9

Manual Integrations
APPROVED

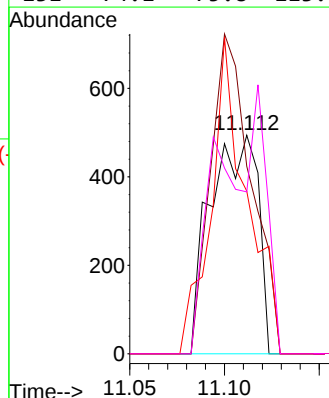
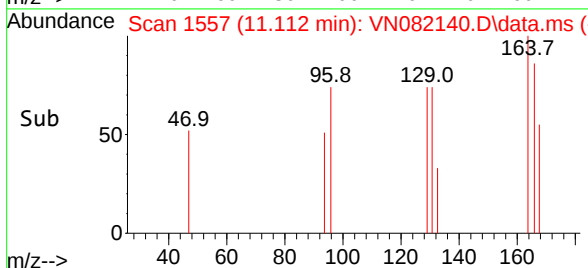
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

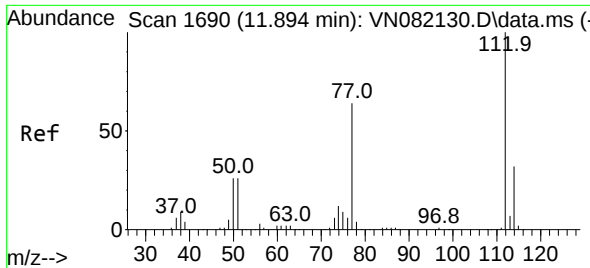


#64
Tetrachloroethene
Concen: 0.432 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



Tgt Ion:164 Resp: 864
Ion Ratio Lower Upper
164 100
166 85.8 97.6 146.4#
129 74.5 73.7 110.5
131 74.1 75.8 113.6#





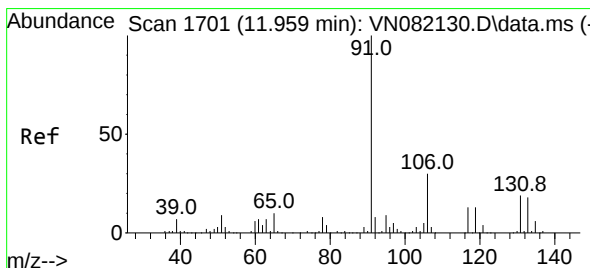
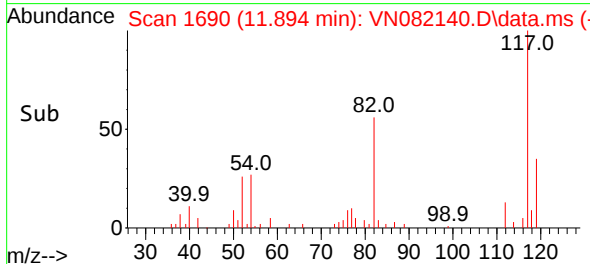
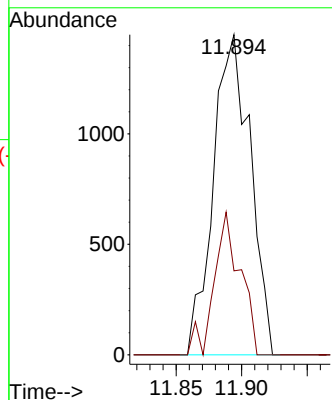
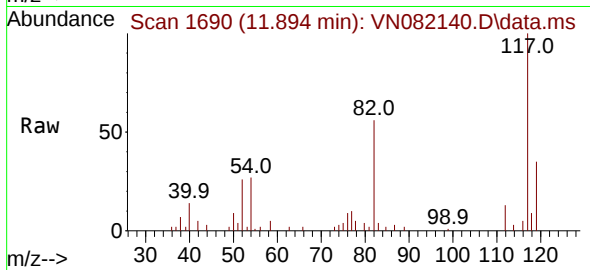
#65
Chlorobenzene
Concen: 0.477 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:112 Resp: 2840
Ion Ratio Lower Upper
112 100
114 26.2 25.7 38.5

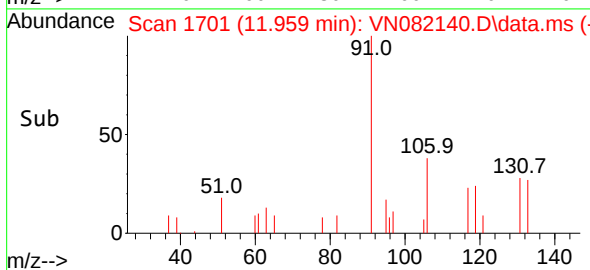
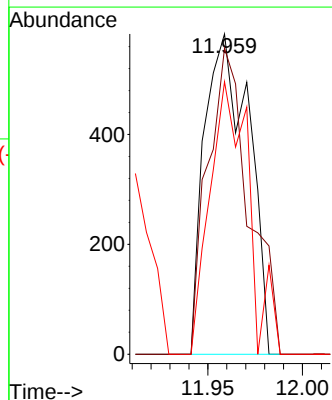
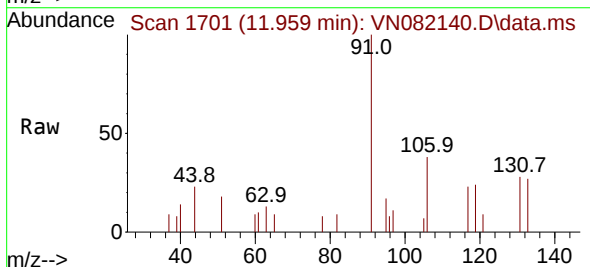
Manual Integrations
APPROVED

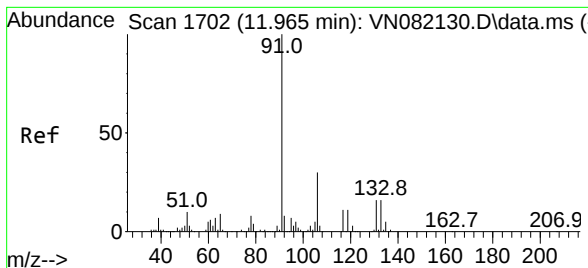
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.482 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion:131 Resp: 946
Ion Ratio Lower Upper
131 100
133 89.2 47.5 142.6
119 0.0 32.9 98.7#





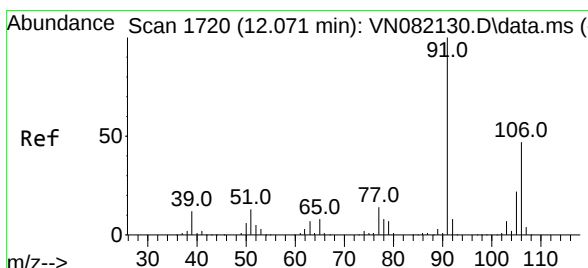
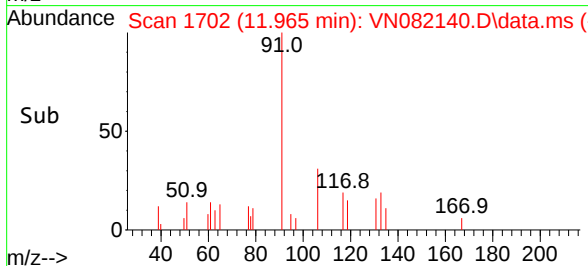
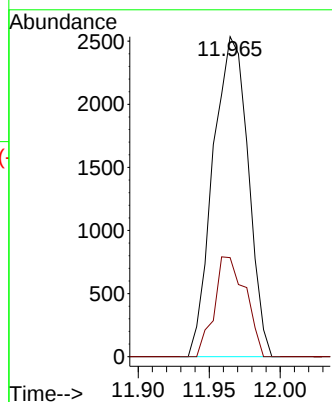
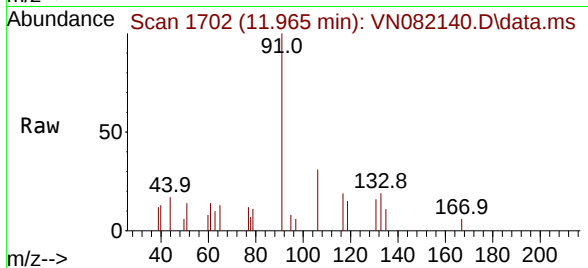
#67
Ethyl Benzene
Concen: 0.409 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 436
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

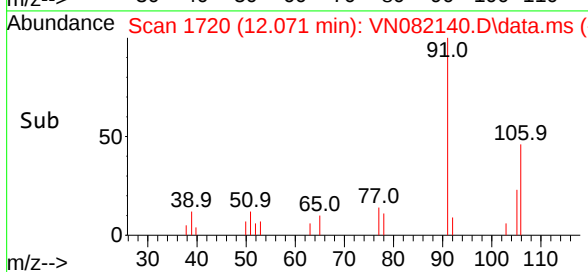
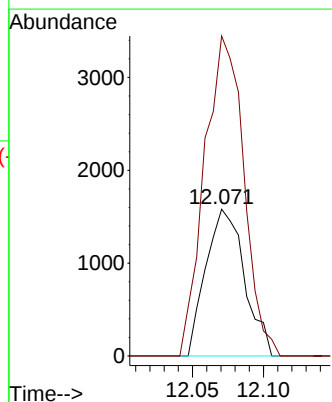
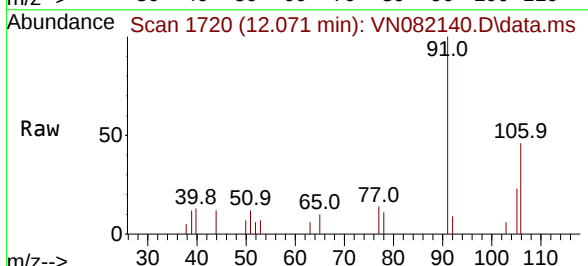
Manual Integrations
APPROVED

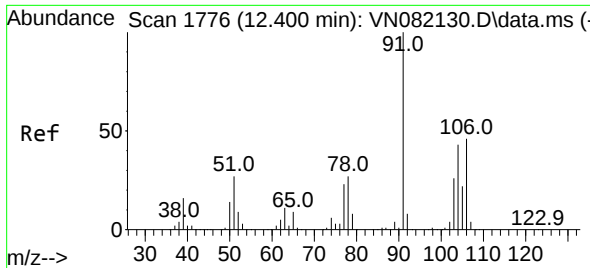
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#68
m/p-Xylenes
Concen: 0.764 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion:106 Resp: 2986
Ion Ratio Lower Upper
106 100
91 222.0 159.4 239.0





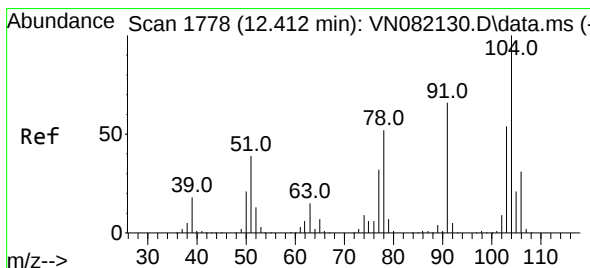
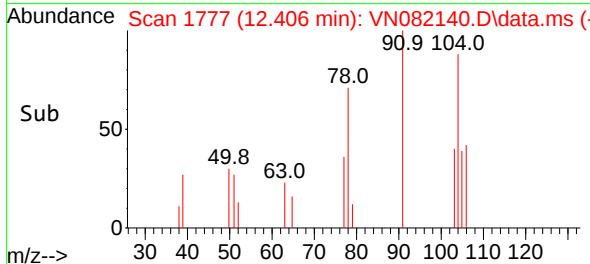
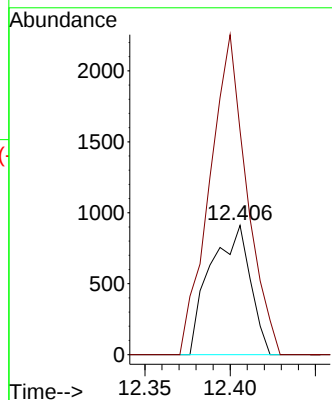
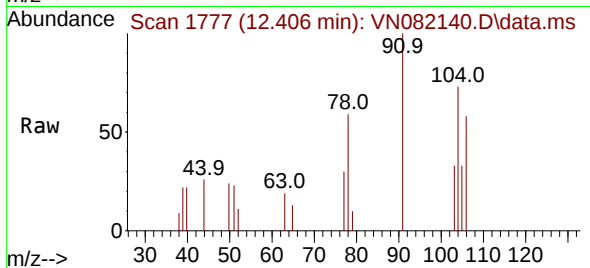
#69
o-Xylene
Concen: 0.390 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:106 Resp: 1478
Ion Ratio Lower Upper
106 100
91 230.7 104.7 314.1

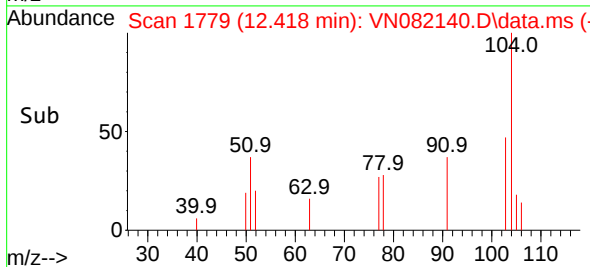
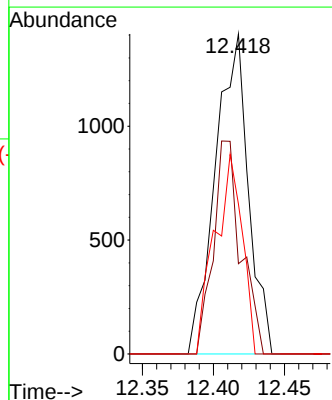
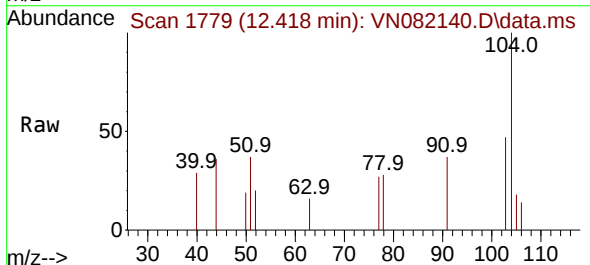
Manual Integrations
APPROVED

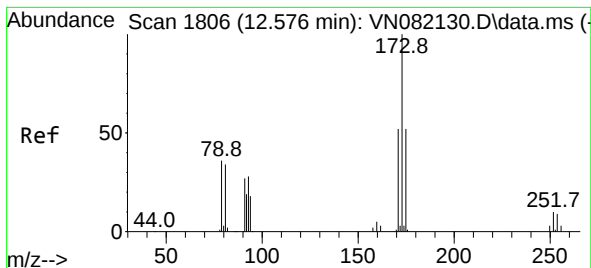
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#70
Styrene
Concen: 0.361 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion:104 Resp: 2272
Ion Ratio Lower Upper
104 100
78 55.5 38.6 58.0
103 51.7 43.8 65.6





#71

Bromoform

Concen: 0.371 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

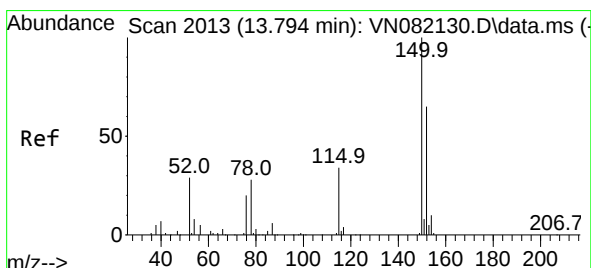
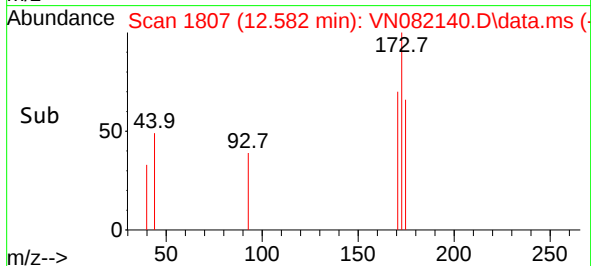
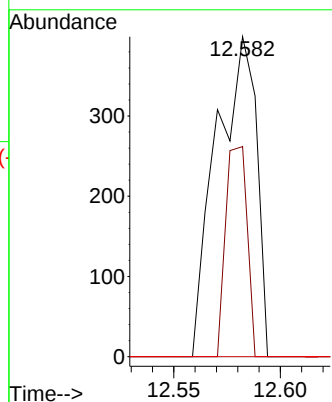
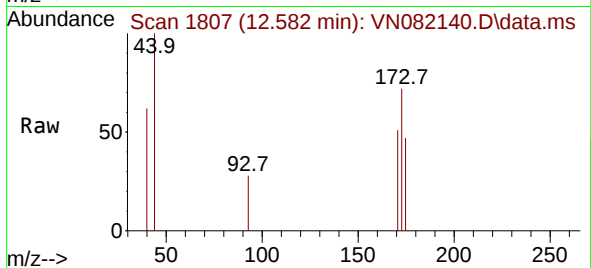
Tgt Ion:173	Resp:	52.0
Ion Ratio	Lower	Upper
173	100	
175	35.0	24.6 74.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

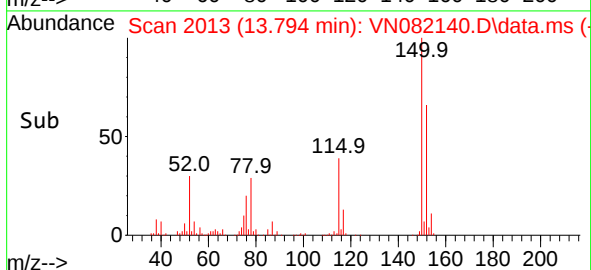
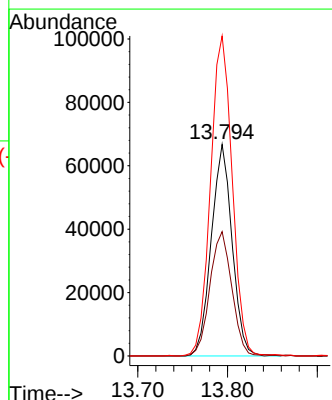
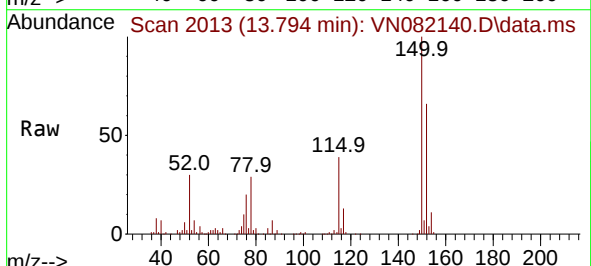
RT: 13.794 min Scan# 2013

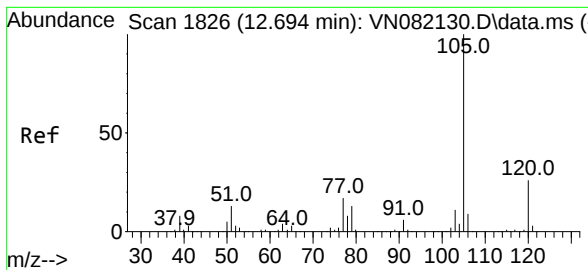
Delta R.T. -0.000 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Tgt Ion:152	Resp:	107677
Ion Ratio	Lower	Upper
152	100	
115	61.5	30.4 91.3
150	157.5	0.0 353.2





#73

Isopropylbenzene

Concen: 0.456 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

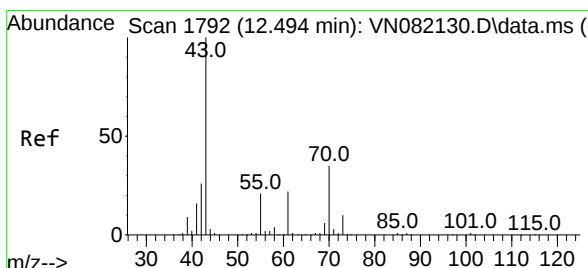
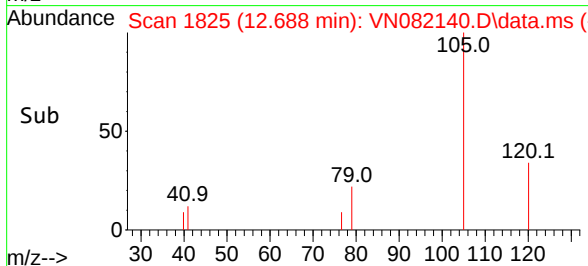
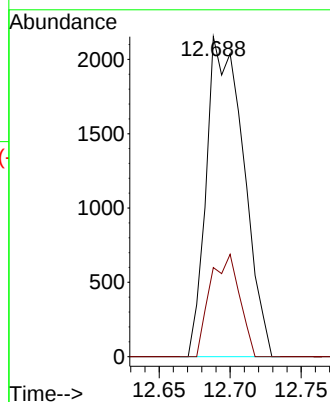
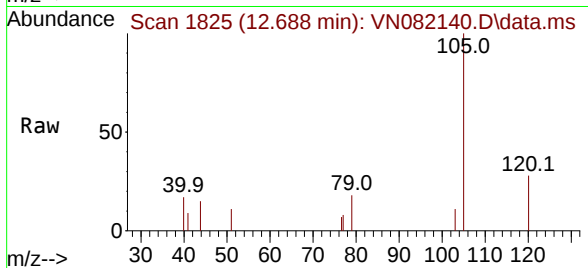
Tgt Ion:	105	Resp:	3900
Ion Ratio	Lower	Upper	
105	100		
120	25.4	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#74

N-ethyl acetate

Concen: 0.429 ug/l

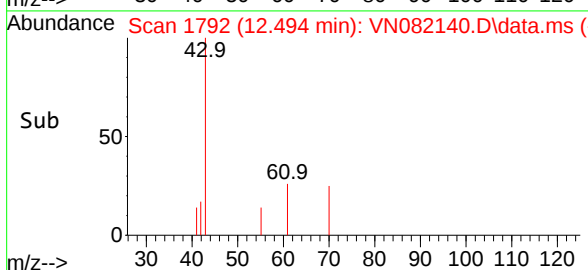
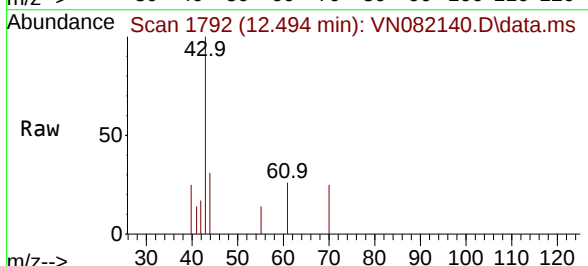
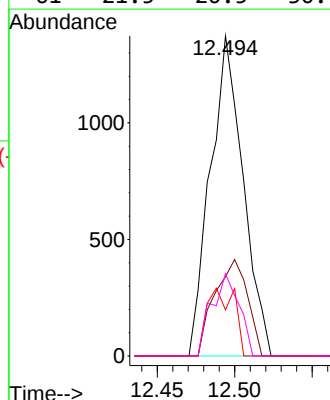
RT: 12.494 min Scan# 1792

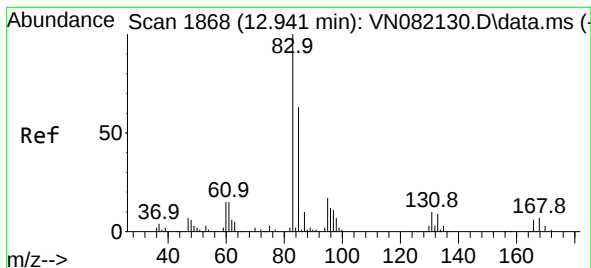
Delta R.T. -0.000 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Tgt Ion:	43	Resp:	2020
Ion Ratio	Lower	Upper	
43	100		
70	30.1	39.0	58.4#
55	17.5	21.3	31.9#
61	21.5	20.5	30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 0.479 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

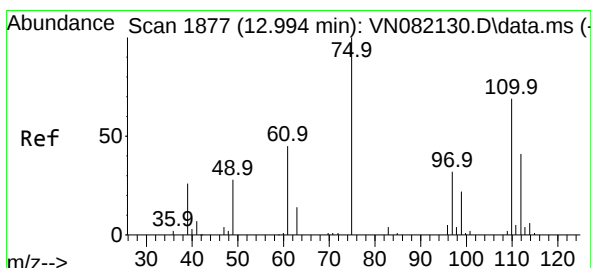
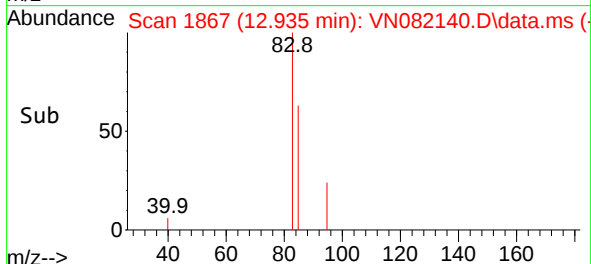
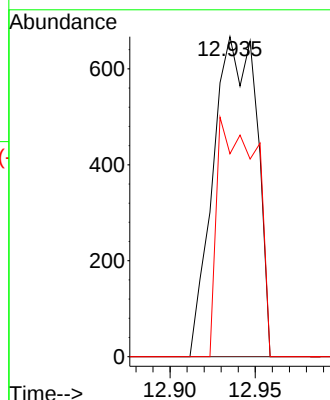
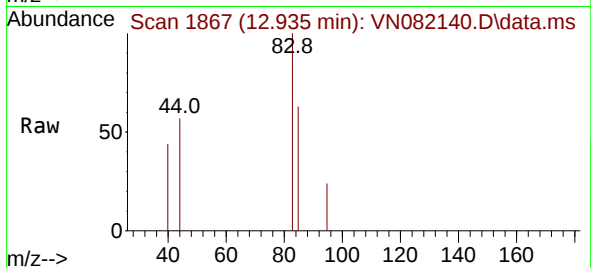
Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4
85	67.0	32.9	98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#76

1,2,3-Trichloropropane

Concen: 0.453 ug/l m

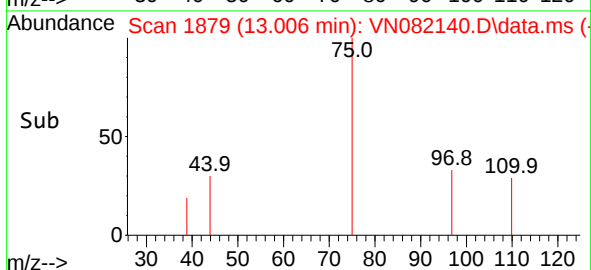
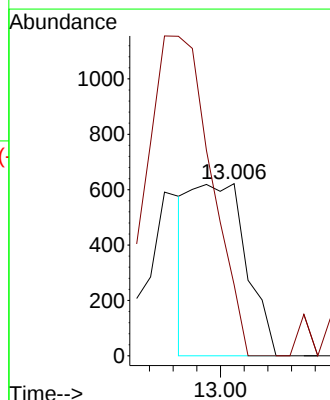
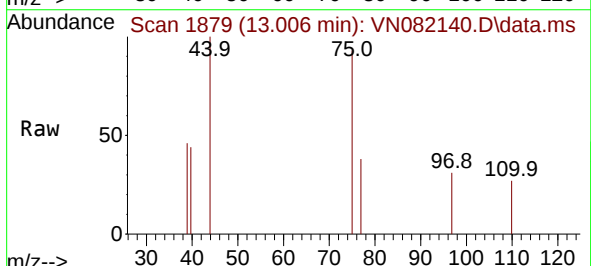
RT: 13.006 min Scan# 1879

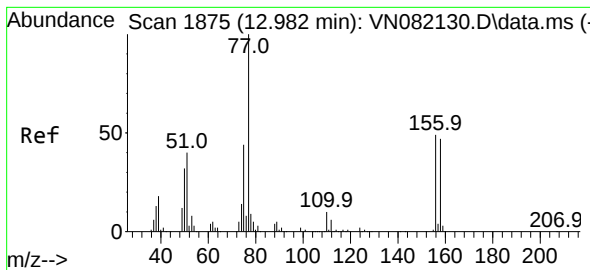
Delta R.T. 0.012 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	78.5	90.5	271.3





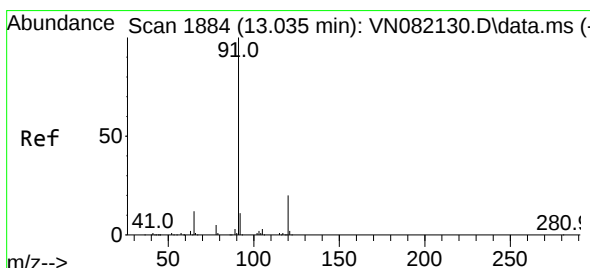
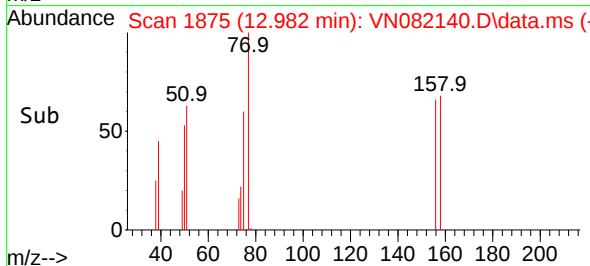
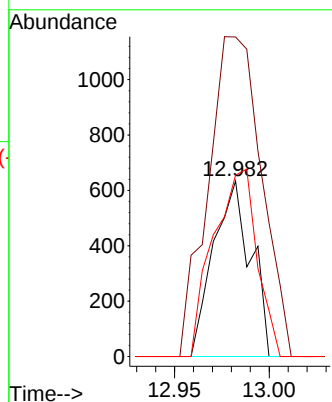
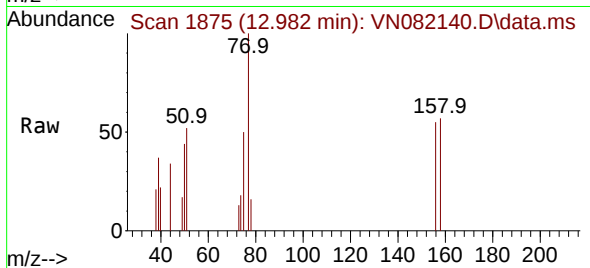
#77
Bromobenzene
Concen: 0.427 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 156 Resp: 87
Ion Ratio Lower Upper
156 100
77 261.0 100.2 300.6
158 124.5 49.1 147.3

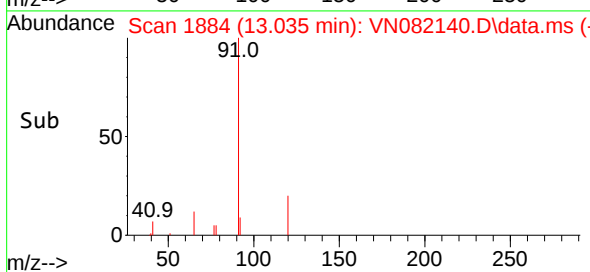
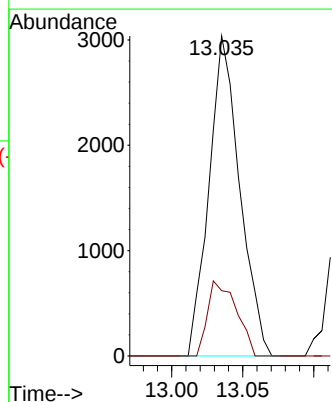
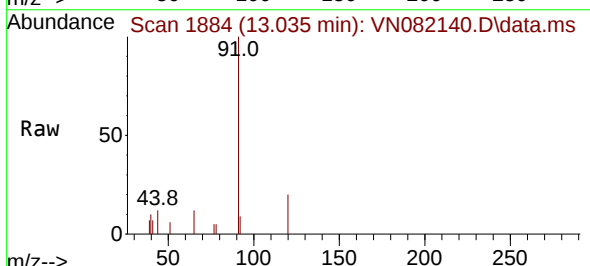
Manual Integrations
APPROVED

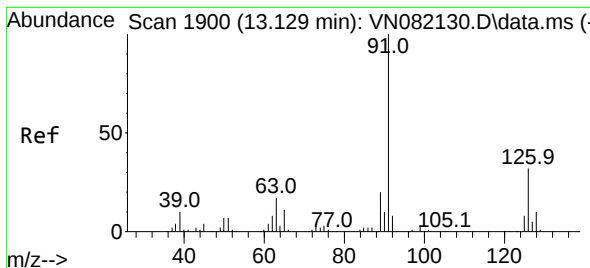
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
n-propylbenzene
Concen: 0.452 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 91 Resp: 4574
Ion Ratio Lower Upper
91 100
120 21.9 11.7 35.0





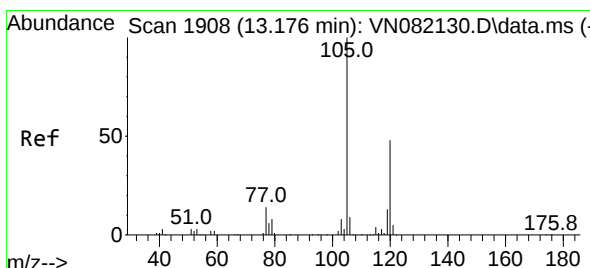
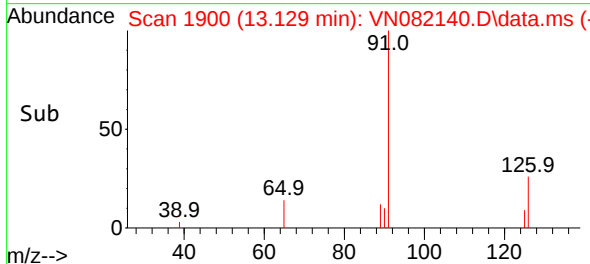
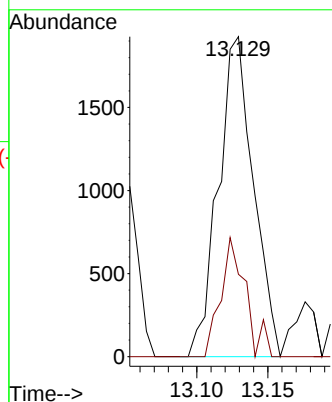
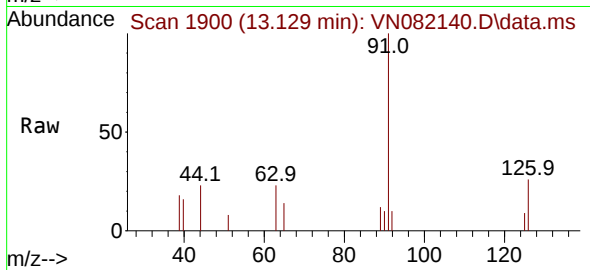
#79
2-Chlorotoluene
Concen: 0.521 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 3314
Ion Ratio Lower Upper
91 100
126 26.3 17.5 52.5

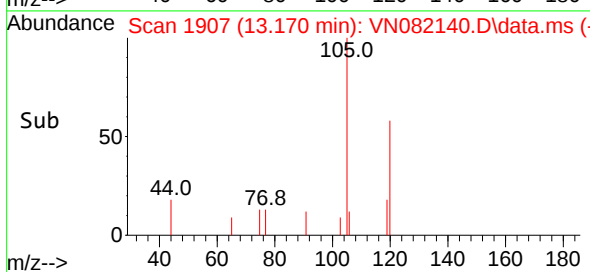
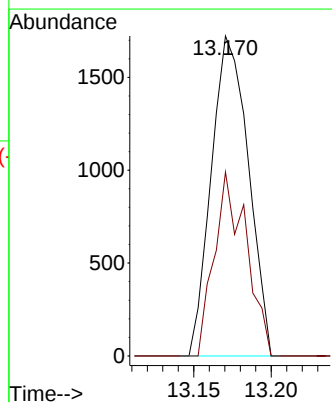
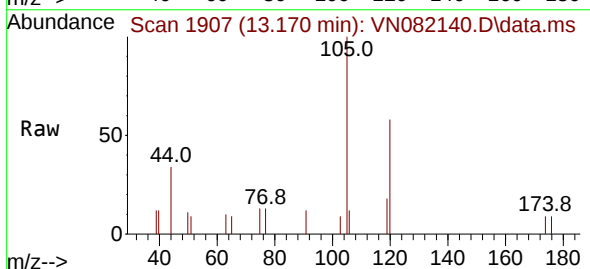
Manual Integrations
APPROVED

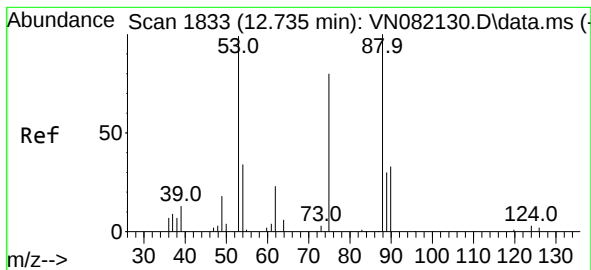
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.414 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

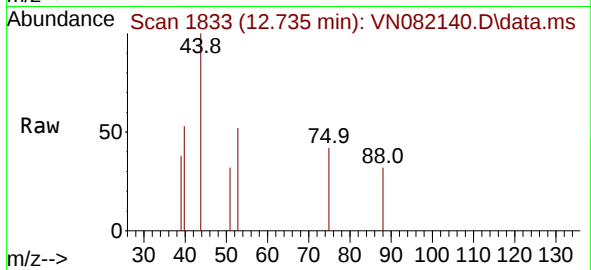
Tgt Ion:105 Resp: 2861
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.201 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

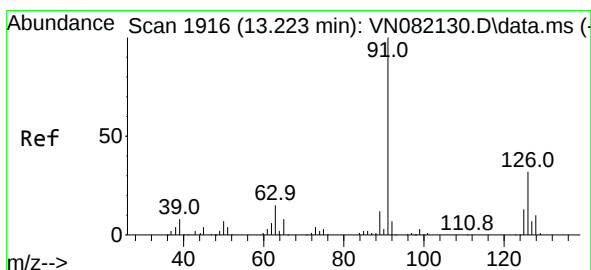
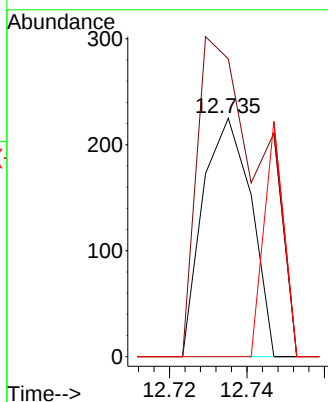
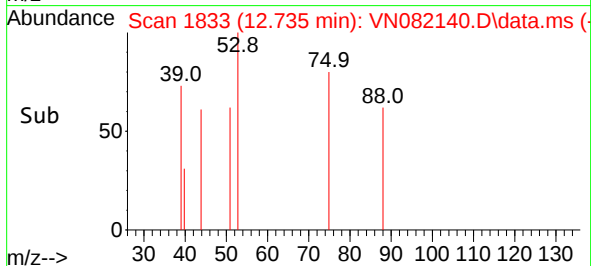
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3
89 0.0 39.1 58.7

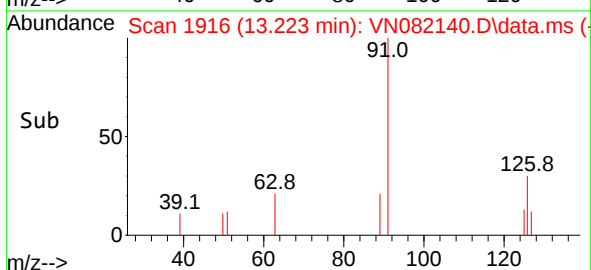
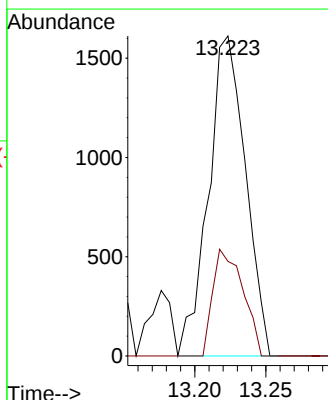
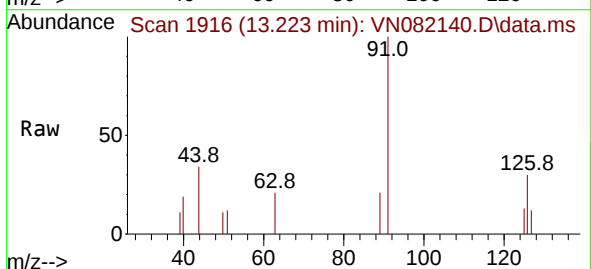
Manual Integrations
APPROVED

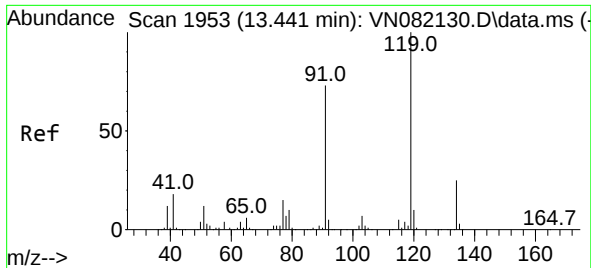
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#82
4-Chlorotoluene
Concen: 0.470 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion: 91 Resp: 2925
Ion Ratio Lower Upper
91 100
126 27.1 17.4 52.3





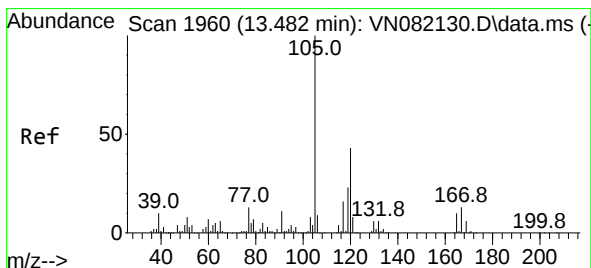
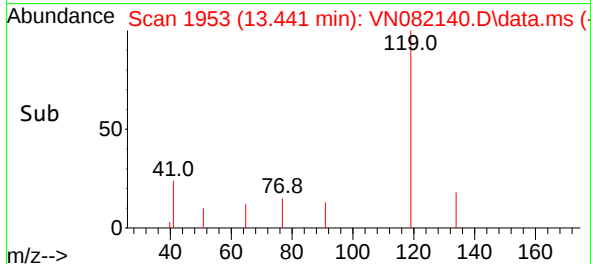
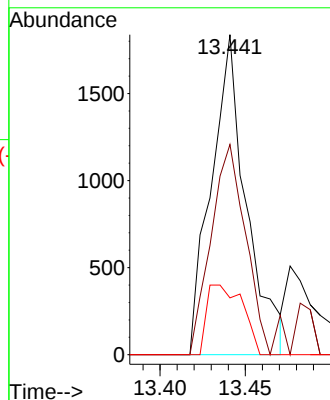
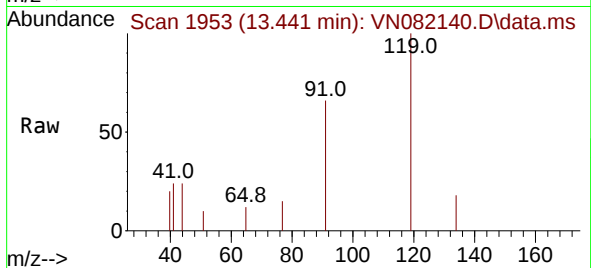
#83
tert-Butylbenzene
Concen: 0.435 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:119 Resp: 263
Ion Ratio Lower Upper
119 100
91 64.6 32.6 97.8
134 22.2 12.4 37.0

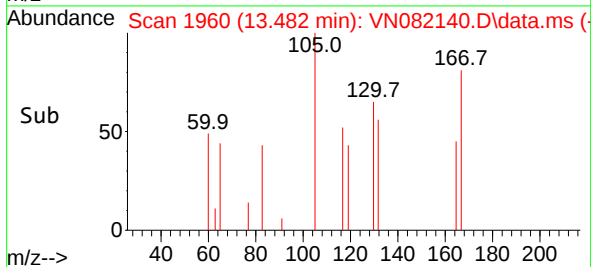
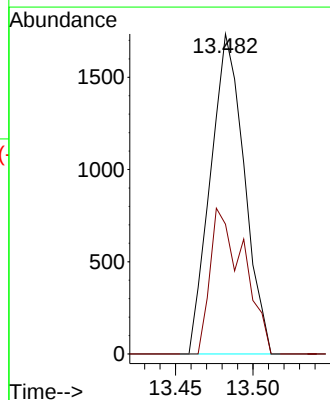
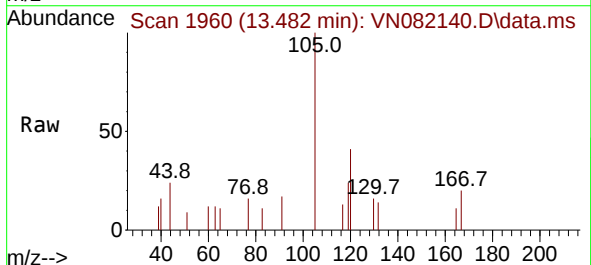
Manual Integrations
APPROVED

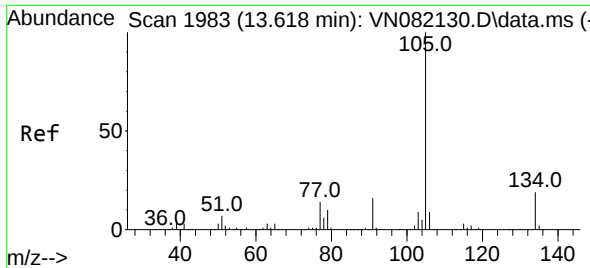
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.371 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

Tgt Ion:105 Resp: 2626
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7





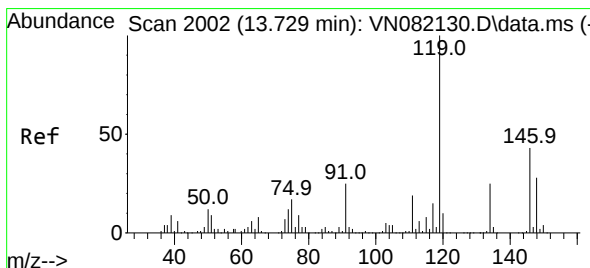
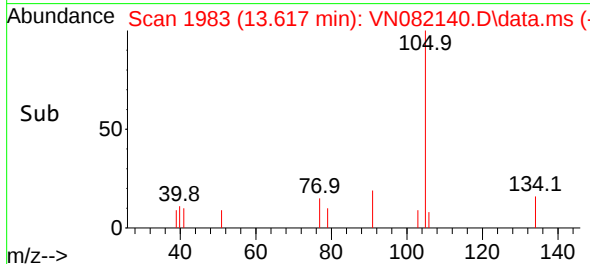
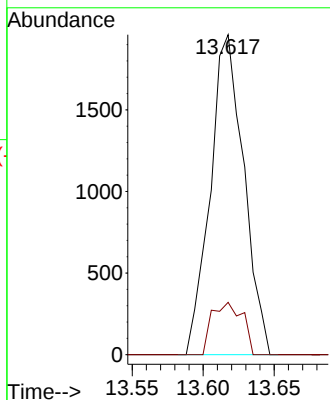
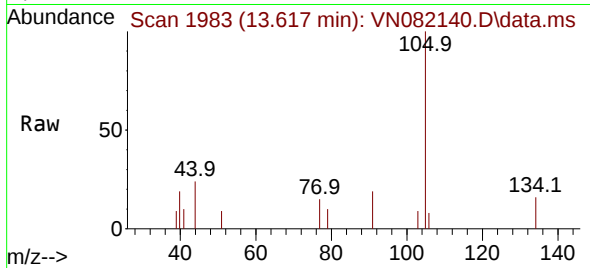
#85
 sec-Butylbenzene
 Concen: 0.383 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 3210
 Ion Ratio Lower Upper
 105 100
 134 14.9 10.2 30.4

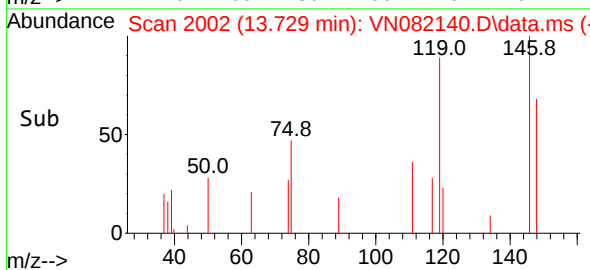
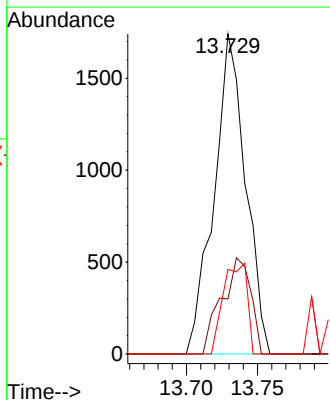
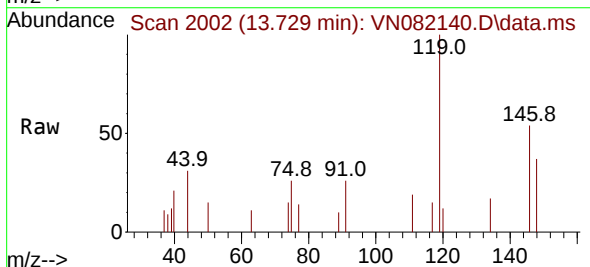
Manual Integrations
 APPROVED

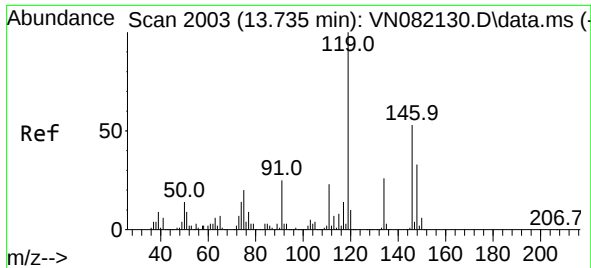
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#86
 p-Isopropyltoluene
 Concen: 0.394 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082140.D
 Acq: 15 May 2024 18:50

Tgt Ion:119 Resp: 2688
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 21.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 0.468 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

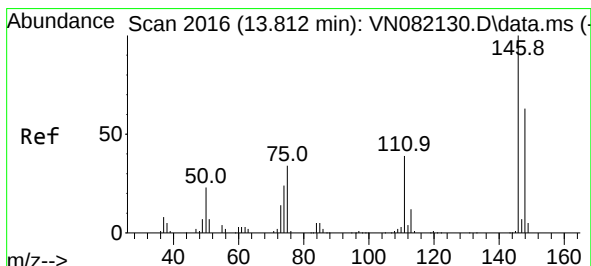
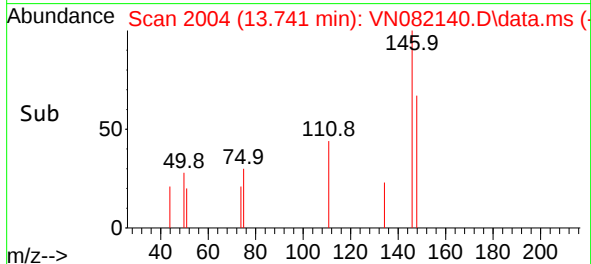
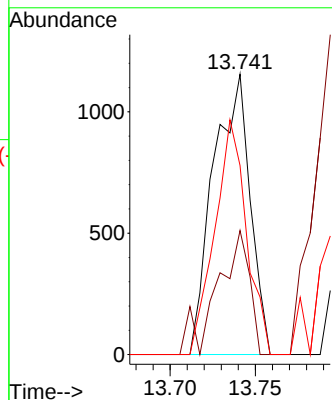
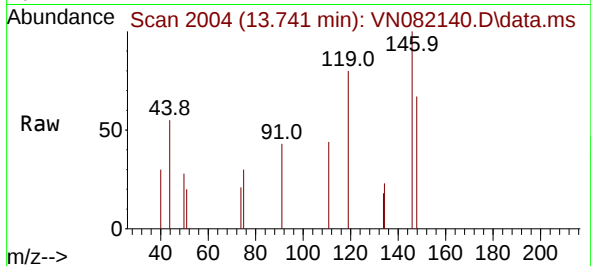
Tgt Ion:146	Resp:	1730
Ion Ratio	Lower	Upper
146	100	
111	38.7	20.8 62.5
148	72.4	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#88

1,4-Dichlorobenzene

Concen: 0.569 ug/l m

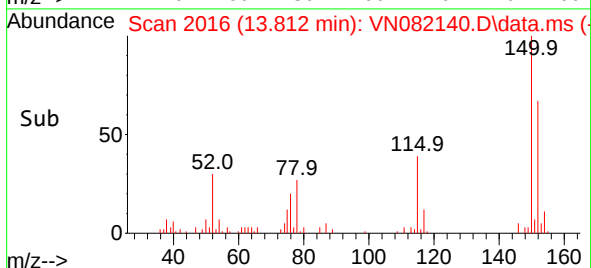
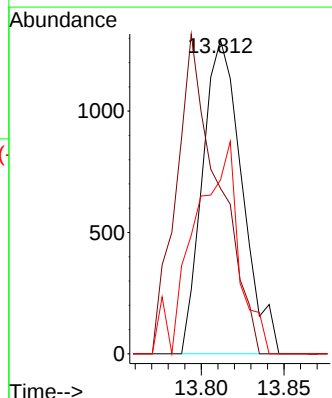
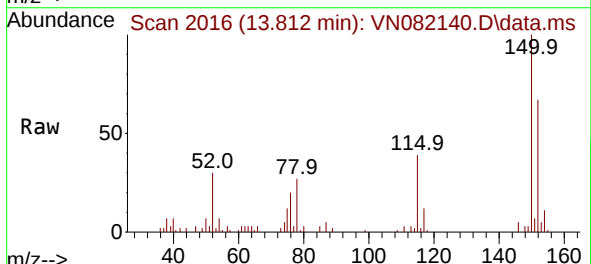
RT: 13.812 min Scan# 2016

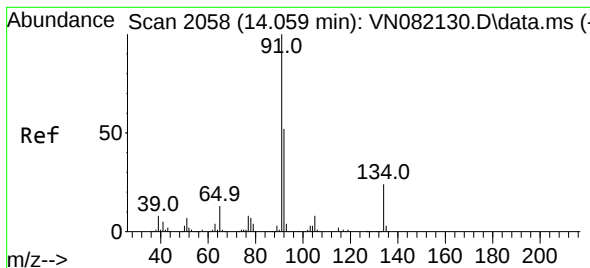
Delta R.T. -0.000 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Tgt Ion:146	Resp:	2146
Ion Ratio	Lower	Upper
146	100	
111	31.2	19.3 57.9
148	58.4	31.3 93.9





#89

n-Butylbenzene

Concen: 0.434 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

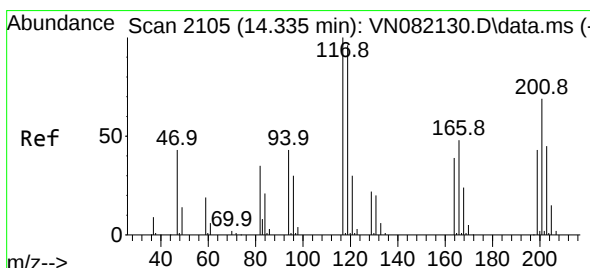
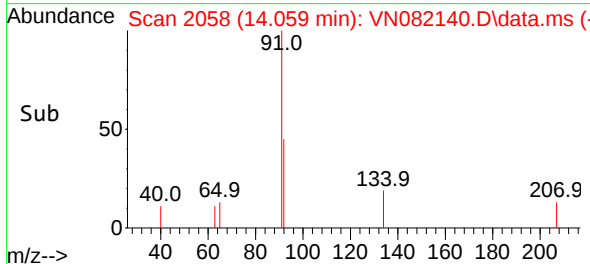
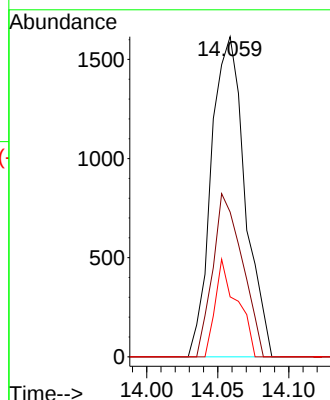
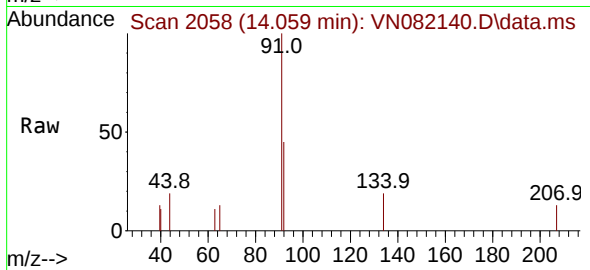
Tgt Ion:	91	Resp:	2660
Ion Ratio	Lower	Upper	
91	100		
92	44.7	26.2	78.5
134	19.8	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#90

Hexachloroethane

Concen: 0.371 ug/l

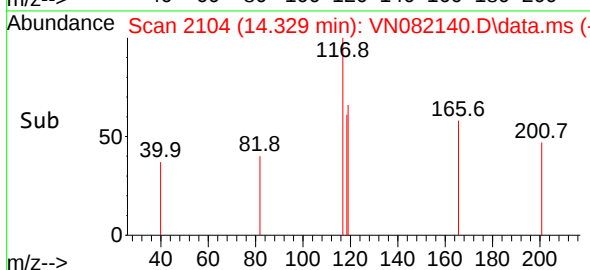
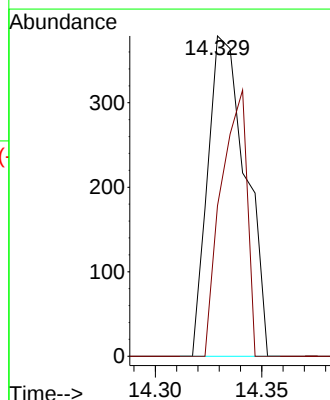
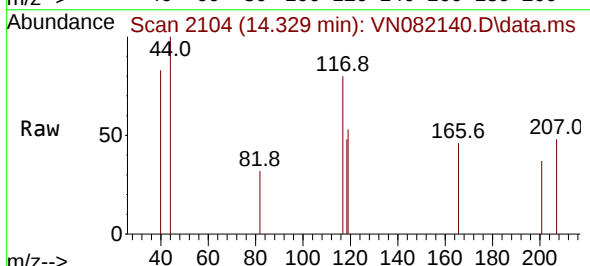
RT: 14.329 min Scan# 2104

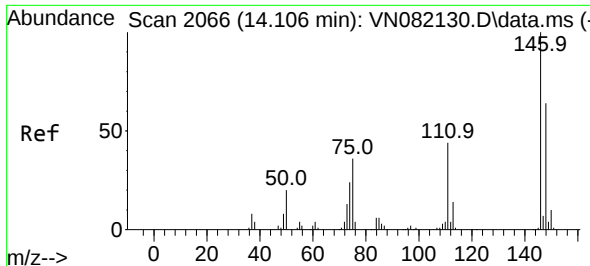
Delta R.T. -0.006 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Tgt Ion:	117	Resp:	469
Ion Ratio	Lower	Upper	
117	100		
201	56.9	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 0.456 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

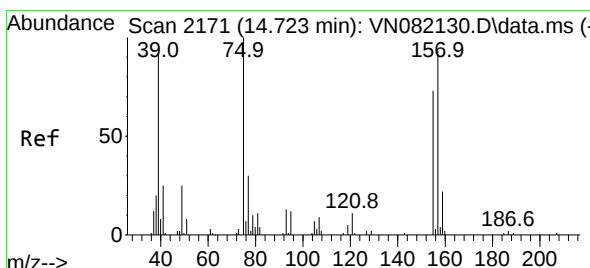
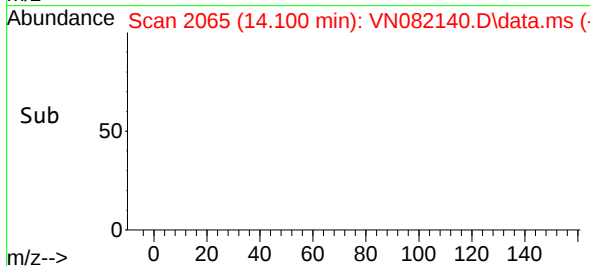
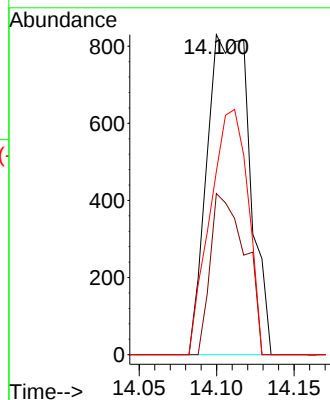
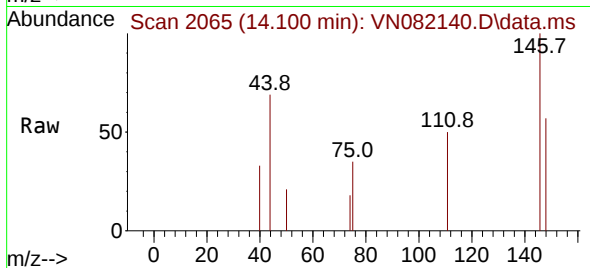
Tgt Ion:	146	Resp:	1594
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.3	64.0
148	67.3	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.237 ug/l

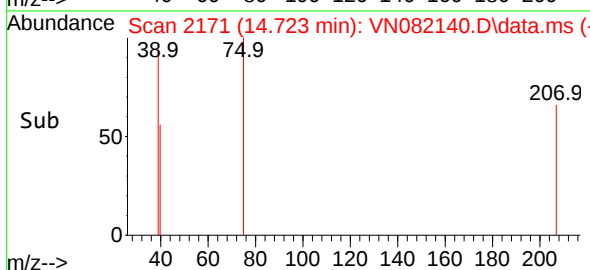
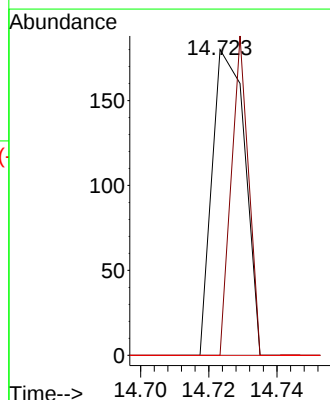
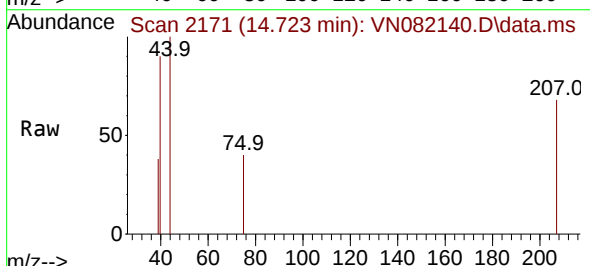
RT: 14.723 min Scan# 2171

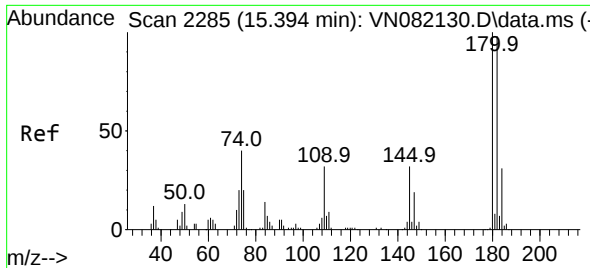
Delta R.T. -0.000 min

Lab File: VN082140.D

Acq: 15 May 2024 18:50

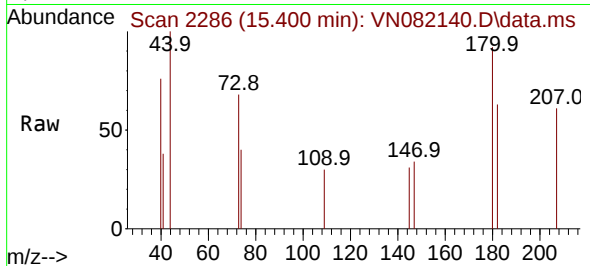
Tgt Ion:	75	Resp:	120
Ion	Ratio	Lower	Upper
75	100		
155	55.0	42.6	128.0
157	0.0	53.0	159.0#





#93
1,2,4-Trichlorobenzene
Concen: 0.409 ug/l
RT: 15.400 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

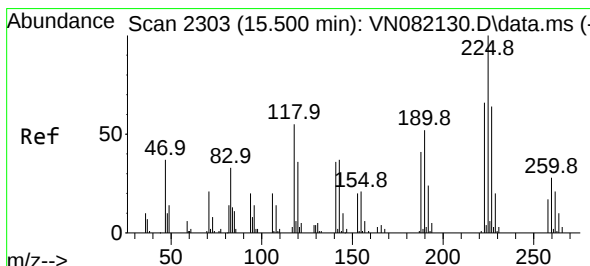
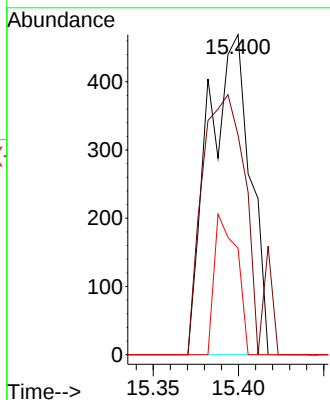
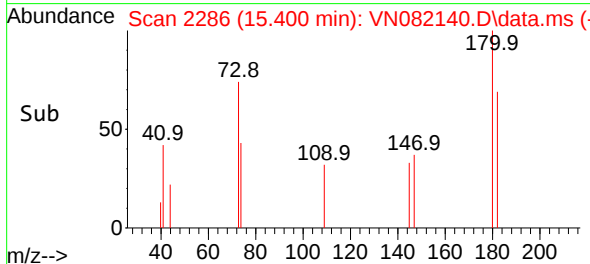
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



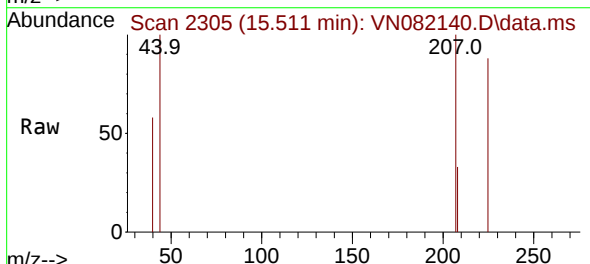
Tgt Ion:180 Resp: 802
Ion Ratio Lower Upper
180 100
182 88.2 46.7 140.0
145 23.6 16.2 48.6

Manual Integrations
APPROVED

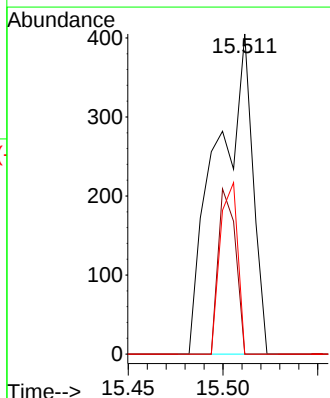
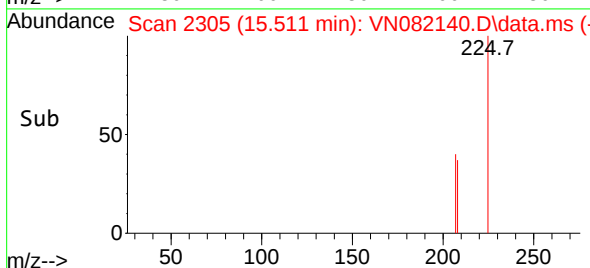
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

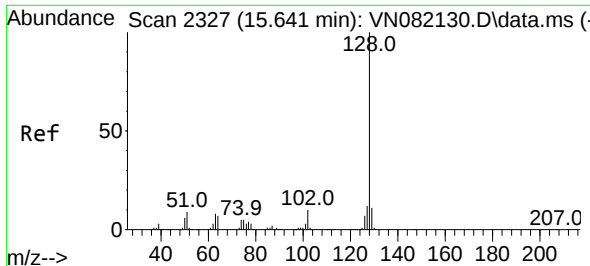


#94
Hexachlorobutadiene
Concen: 0.622 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.012 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



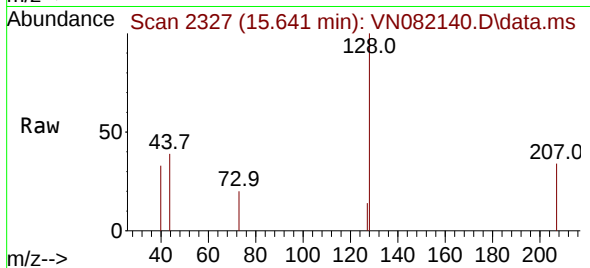
Tgt Ion:225 Resp: 535
Ion Ratio Lower Upper
225 100
223 24.9 31.1 93.2#
227 26.4 30.6 91.6#





#95
Naphthalene
Concen: 0.394 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50

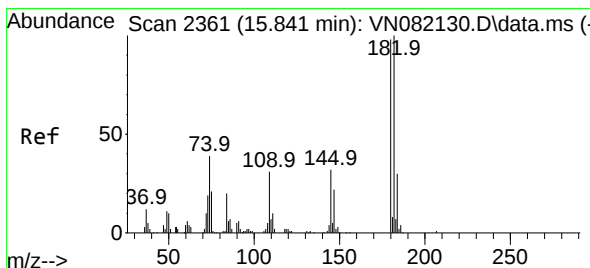
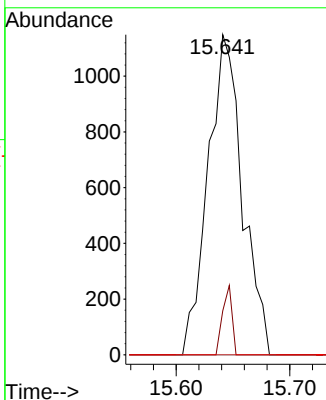
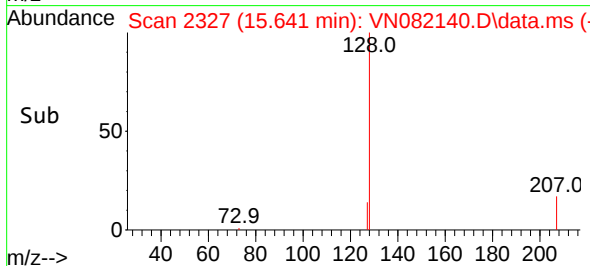
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



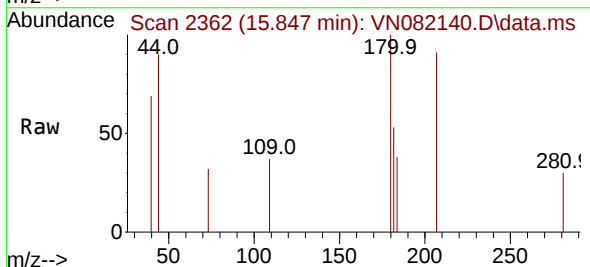
Tgt Ion:128 Resp: 241
Ion Ratio Lower Upper
128 100
127 6.0 10.1 15.1
129 0.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.450 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082140.D
Acq: 15 May 2024 18:50



Tgt Ion:180 Resp: 883
Ion Ratio Lower Upper
180 100
182 73.6 46.0 137.8
145 22.1 17.1 51.3

