

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082139.D
 Acq On : 15 May 2024 18:26
 Operator : JC\MD
 Sample : P2403-07 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 16 06:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:39:14 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	206817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163293	50.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.000%			
35) Dibromofluoromethane	8.165	113	107073	48.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.540%			
50) Toluene-d8	10.571	98	406803	48.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.660%			
62) 4-Bromofluorobenzene	12.847	95	126918	42.247	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 84.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	511	0.171	ug/l	90
3) Chloromethane	2.365	50	1050	0.311	ug/l	94
4) Vinyl Chloride	2.524	62	633	0.199	ug/l #	44
5) Bromomethane	2.965	94	1158	0.634	ug/l	97
6) Chloroethane	3.118	64	418	0.202	ug/l #	44
7) Trichlorofluoromethane	3.506	101	581	0.140	ug/l	97
8) Diethyl Ether	3.965	74	76	0.051	ug/l #	4
9) 1,1,2-Trichlorotrifluo...	4.371	101	218	0.090	ug/l #	59
10) Methyl Iodide	4.583	142	360	0.147	ug/l #	40
11) Tert butyl alcohol	5.518	59	64	0.122	ug/l #	71
12) 1,1-Dichloroethene	4.336	96	253	0.112	ug/l #	75
13) Acrolein	4.183	56	261	0.672	ug/l #	15
14) Allyl chloride	5.024	41	728	0.151	ug/l #	60
15) Acrylonitrile	5.712	53	1002	0.738	ug/l #	54
16) Acetone	4.442	43	1917m	1.431	ug/l	
17) Carbon Disulfide	4.712	76	2247	0.308	ug/l #	74
18) Methyl Acetate	5.030	43	786	0.236	ug/l #	47
19) Methyl tert-butyl Ether	5.789	73	1389m	0.168	ug/l	
20) Methylene Chloride	5.283	84	1018	0.377	ug/l #	58
21) trans-1,2-Dichloroethene	5.789	96	433	0.176	ug/l #	51
22) Diisopropyl ether	6.671	45	1537	0.152	ug/l #	76
23) Vinyl Acetate	6.600	43	5964	0.749	ug/l	99
24) 1,1-Dichloroethane	6.571	63	480	0.092	ug/l #	81
25) 2-Butanone	7.489	43	1852	0.912	ug/l #	43
26) 2,2-Dichloropropane	7.494	77	626	0.144	ug/l #	53
27) cis-1,2-Dichloroethene	7.489	96	486	0.167	ug/l	60
28) Bromochloromethane	7.818	49	276	0.114	ug/l #	10
29) Tetrahydrofuran	7.853	42	1198	0.919	ug/l #	41
30) Chloroform	7.971	83	958	0.193	ug/l	92
31) Cyclohexane	8.224	56	7200	1.380	ug/l #	42
32) 1,1,1-Trichloroethane	8.177	97	574	0.130	ug/l #	24
36) 1,1-Dichloropropene	8.365	75	658	0.179	ug/l #	69
37) Ethyl Acetate	7.565	43	775	0.188	ug/l #	68
38) Carbon Tetrachloride	8.371	117	670m	0.180	ug/l	
39) Methylcyclohexane	9.600	83	674	0.167	ug/l #	77
40) Benzene	8.606	78	2005	0.183	ug/l #	89

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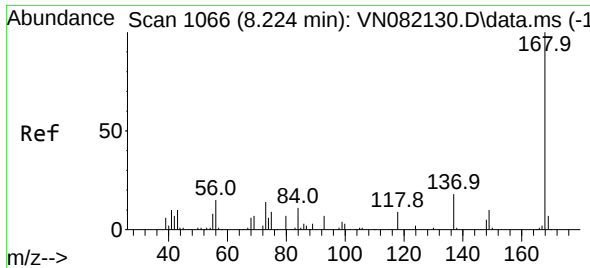
Quant Time: May 16 06:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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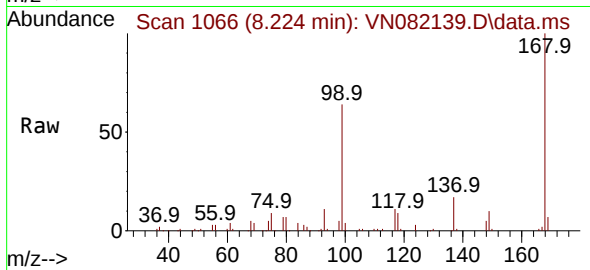
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	188m	0.078	ug/l	
42) 1,2-Dichloroethane	8.665	62	1146	0.271	ug/l #	73
43) Isopropyl Acetate	8.688	43	1245	0.171	ug/l #	52
44) Trichloroethene	9.359	130	531m	0.213	ug/l	
45) 1,2-Dichloropropane	9.624	63	474	0.167	ug/l #	45
46) Dibromomethane	9.712	93	117	0.063	ug/l #	14
47) Bromodichloromethane	9.888	83	543	0.138	ug/l #	91
48) Methyl methacrylate	9.671	41	509	0.146	ug/l #	51
51) 4-Methyl-2-Pentanone	10.447	43	3263	0.787	ug/l	89
52) Toluene	10.629	92	1051	0.160	ug/l #	65
53) t-1,3-Dichloropropene	10.835	75	595	0.147	ug/l #	43
54) cis-1,3-Dichloropropene	10.318	75	750	0.174	ug/l #	60
55) 1,1,2-Trichloroethane	11.018	97	429	0.179	ug/l #	36
56) Ethyl methacrylate	10.882	69	609	0.150	ug/l #	52
57) 1,3-Dichloropropane	11.171	76	804	0.180	ug/l #	72
58) 2-Chloroethyl Vinyl ether	10.159	63	1450	0.691	ug/l #	82
59) 2-Hexanone	11.194	43	2386	0.786	ug/l	73
60) Dibromochloromethane	11.353	129	404	0.153	ug/l #	47
61) 1,2-Dibromoethane	11.471	107	440	0.179	ug/l #	78
64) Tetrachloroethene	11.106	164	325	0.142	ug/l #	80
65) Chlorobenzene	11.894	112	1494	0.219	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	385	0.172	ug/l #	33
67) Ethyl Benzene	11.965	91	2463	0.202	ug/l #	84
68) m/p-Xylenes	12.071	106	1585	0.355	ug/l	88
69) o-Xylene	12.406	106	699	0.162	ug/l	68
70) Styrene	12.412	104	1313	0.183	ug/l	94
71) Bromoform	12.571	173	384	0.238	ug/l #	28
73) Isopropylbenzene	12.694	105	1719	0.179	ug/l	96
74) N-amyl acetate	12.494	43	977	0.185	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.935	83	493	0.178	ug/l #	90
76) 1,2,3-Trichloropropane	12.988	75	409m	0.161	ug/l	
77) Bromobenzene	12.976	156	373	0.163	ug/l #	45
78) n-propylbenzene	13.041	91	2411	0.212	ug/l	86
79) 2-Chlorotoluene	13.123	91	1306	0.183	ug/l	80
80) 1,3,5-Trimethylbenzene	13.170	105	1394	0.180	ug/l	96
82) 4-Chlorotoluene	13.123	91	1306	0.187	ug/l	80
83) tert-Butylbenzene	13.441	119	1227	0.181	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1419	0.179	ug/l	96
85) sec-Butylbenzene	13.618	105	1711	0.182	ug/l #	72
86) p-Isopropyltoluene	13.729	119	1279	0.167	ug/l #	73
87) 1,3-Dichlorobenzene	13.735	146	962	0.233	ug/l	91
88) 1,4-Dichlorobenzene	13.812	146	1086m	0.257	ug/l	
89) n-Butylbenzene	14.065	91	1176	0.171	ug/l	93
90) Hexachloroethane	14.335	117	74	0.052	ug/l #	17
91) 1,2-Dichlorobenzene	14.106	146	706	0.180	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	700	0.319	ug/l #	46
94) Hexachlorobutadiene	15.494	225	75	0.078	ug/l #	20
95) Naphthalene	15.641	128	1293	0.188	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.835	180	236	0.107	ug/l #	69

(#) = 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: VN082139.D
Acq: 15 May 2024 18:26

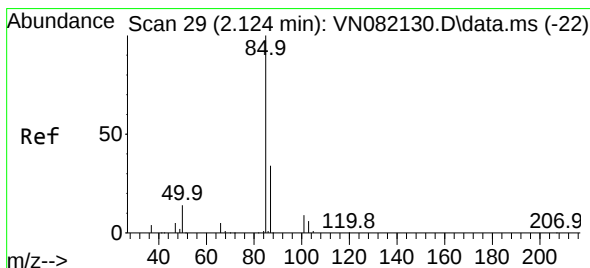
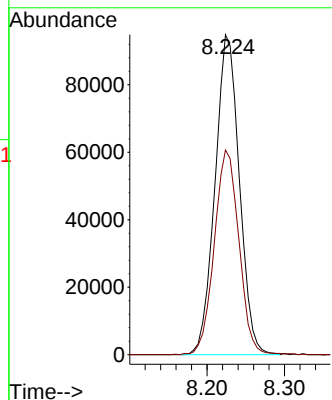
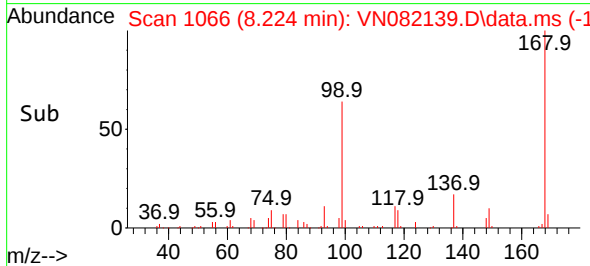
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:168 Resp: 20681
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4

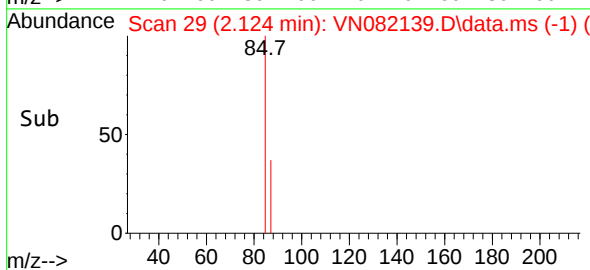
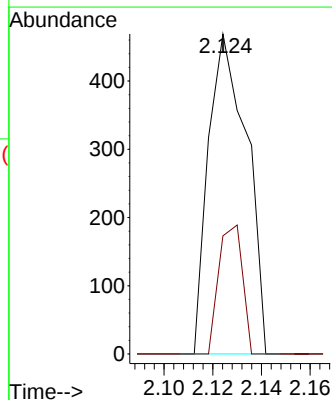
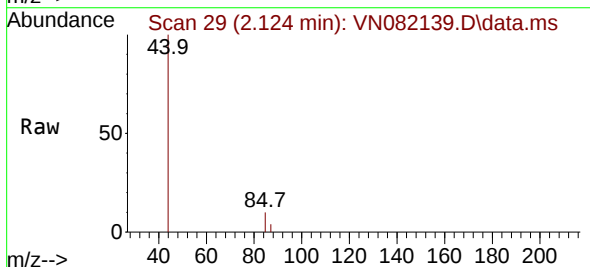
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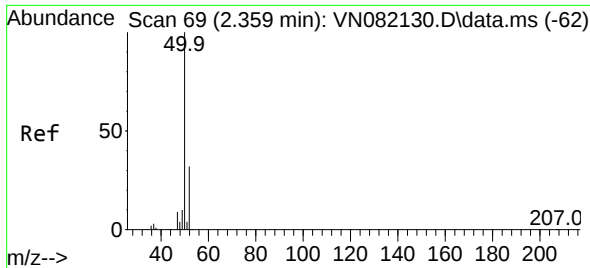
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 0.171 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

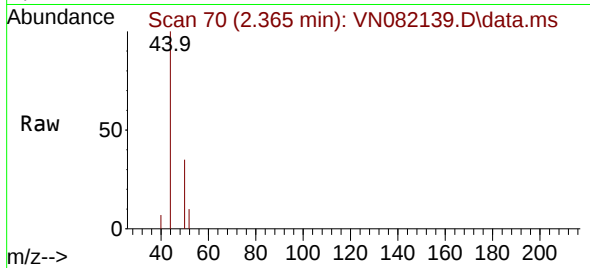
Tgt Ion: 85 Resp: 511
Ion Ratio Lower Upper
85 100
87 36.9 15.8 47.4





#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

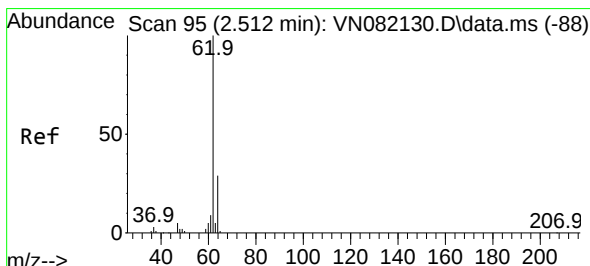
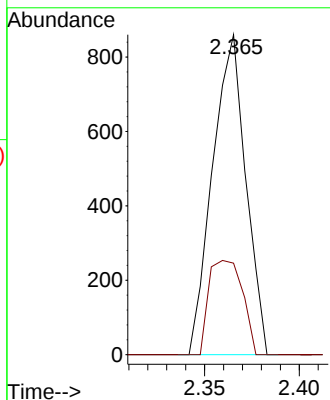
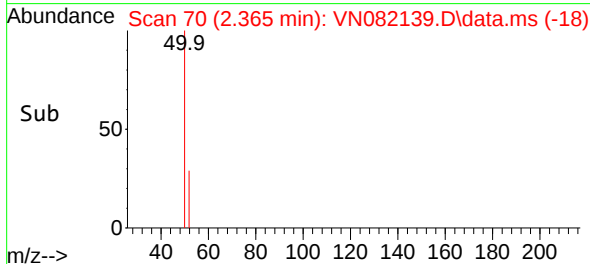
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 50 Resp: 1050
Ion Ratio Lower Upper
50 100
52 28.6 25.5 38.3

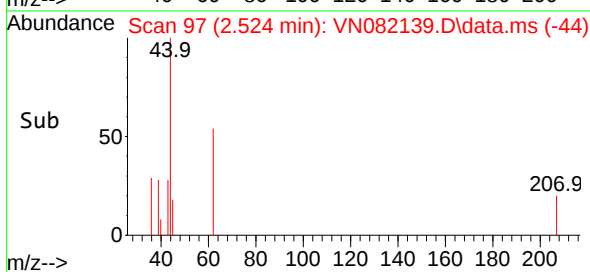
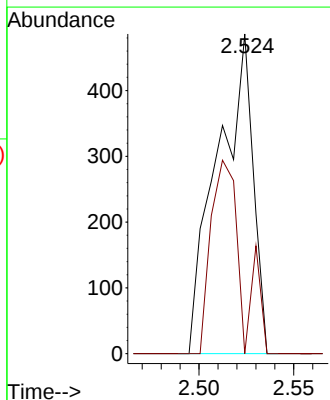
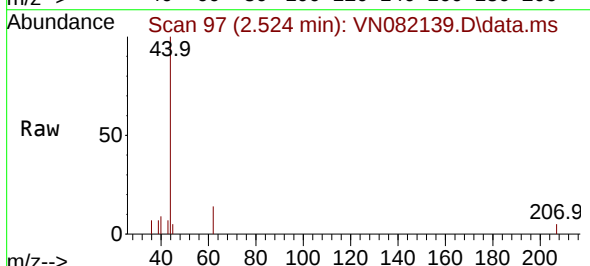
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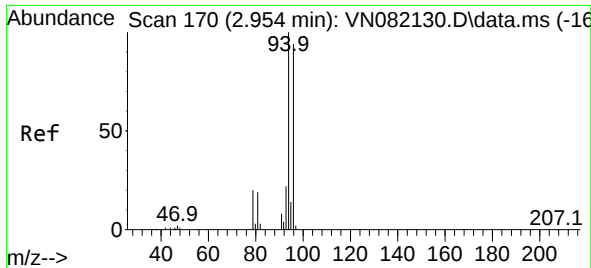
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 0.199 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

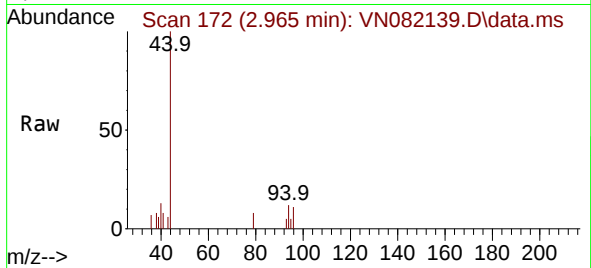
Tgt Ion: 62 Resp: 633
Ion Ratio Lower Upper
62 100
64 0.0 24.6 37.0





#5
Bromomethane
Concen: 0.634 ug/l
RT: 2.965 min Scan# 1158
Delta R.T. 0.012 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

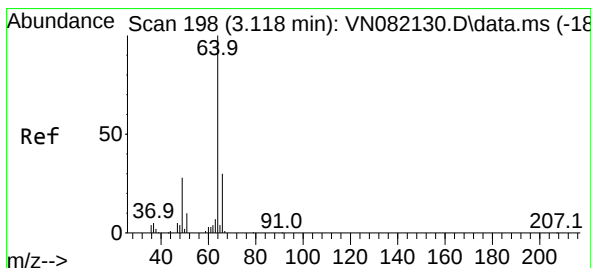
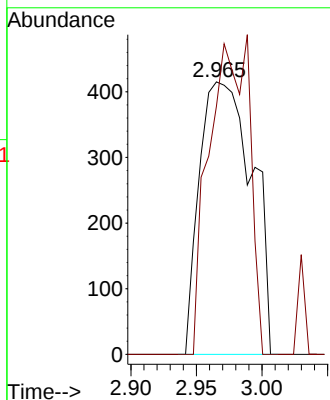
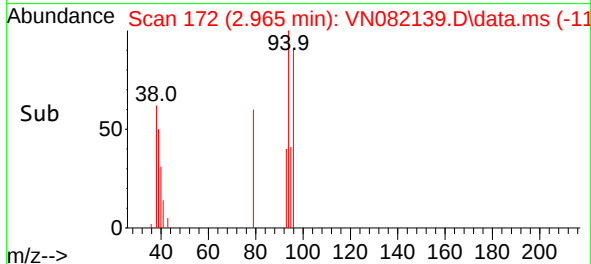
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 94 Resp: 1158
Ion Ratio Lower Upper
94 100
96 91.1 74.8 112.2

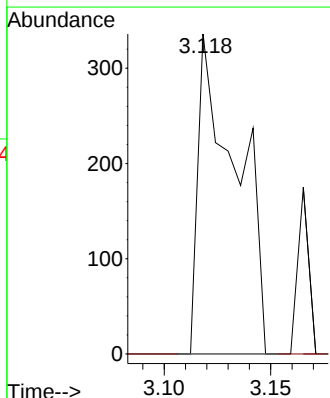
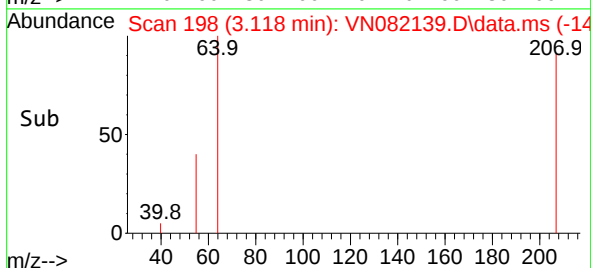
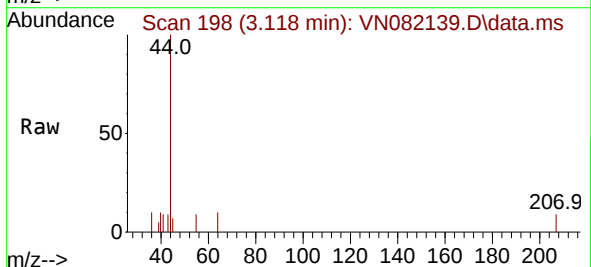
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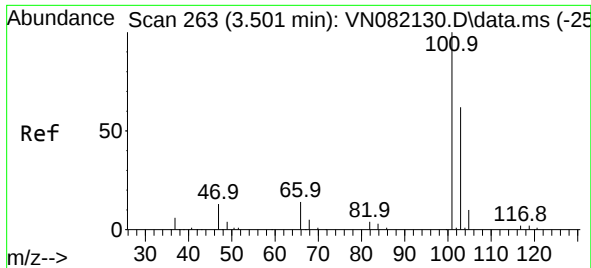
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#6
Chloroethane
Concen: 0.202 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

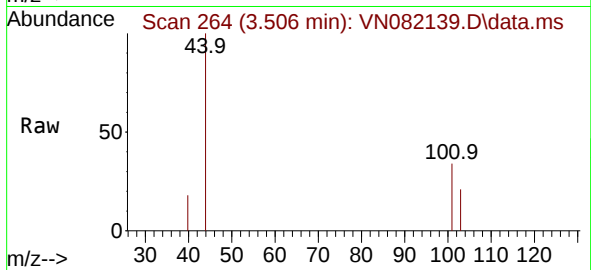
Tgt Ion: 64 Resp: 418
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#7
 Trichlorofluoromethane
 Concen: 0.140 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

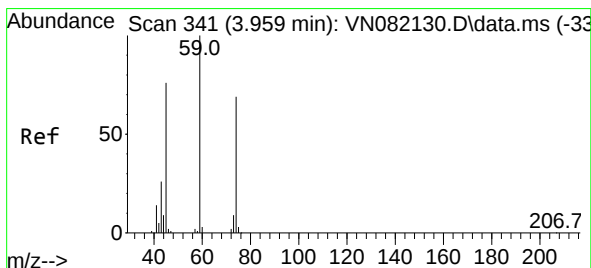
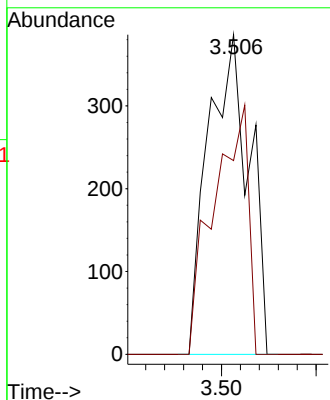
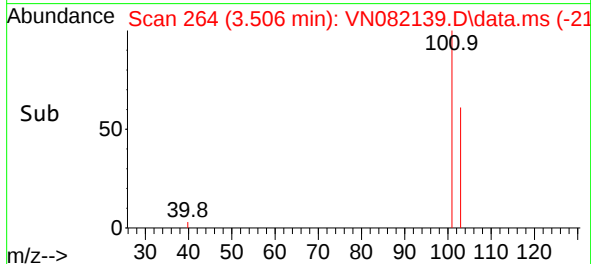
Instrument :
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Tgt Ion: 101 Resp: 58
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.6 75.8

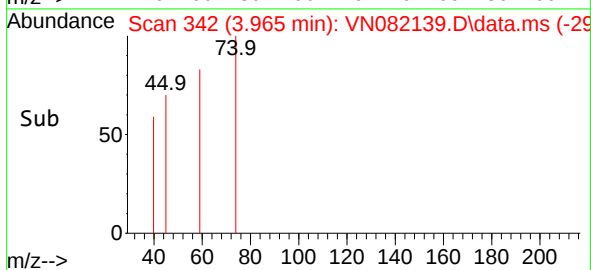
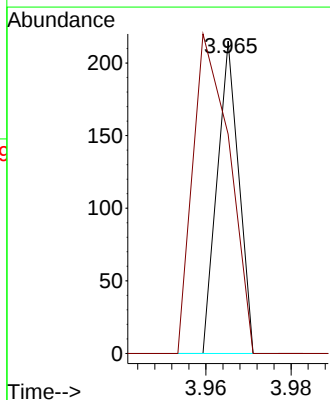
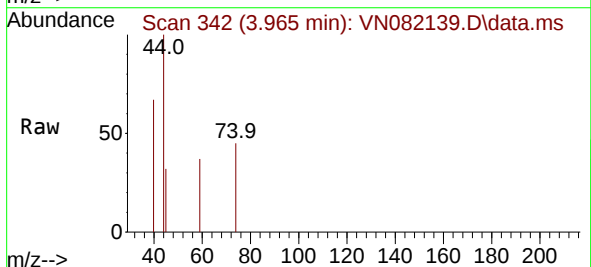
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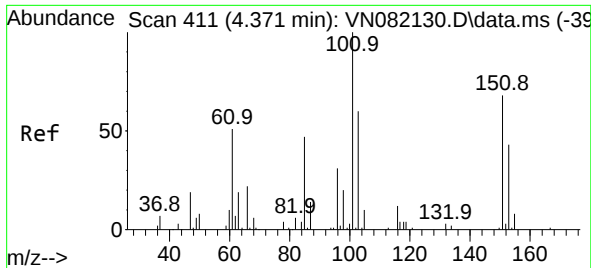
Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024



#8
 Diethyl Ether
 Concen: 0.051 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

Tgt Ion: 74 Resp: 76
 Ion Ratio Lower Upper
 74 100
 45 172.4 42.4 127.3#





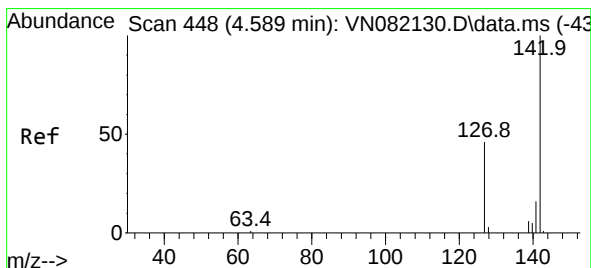
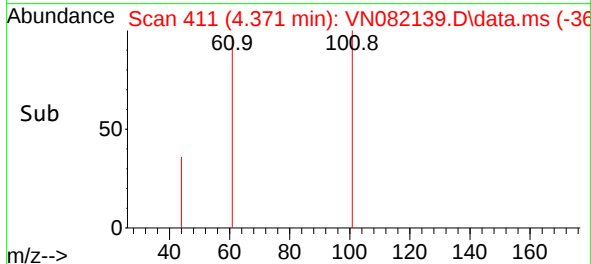
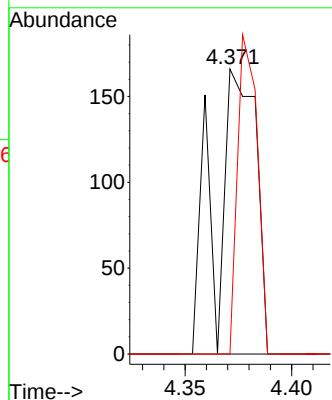
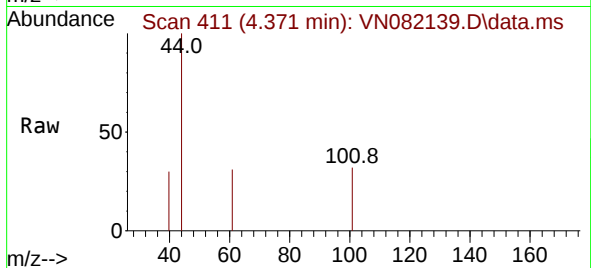
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1,1,2-Trichlorotrifluoroethane
Concen: 0.090 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion:101 Resp: 218
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 55.0 59.2 88.8#

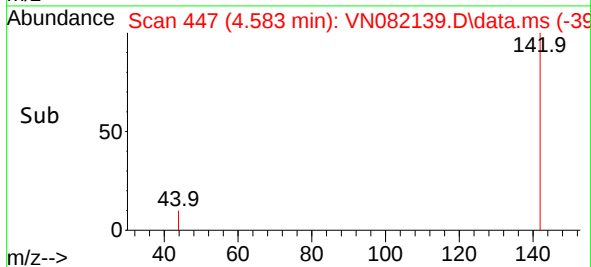
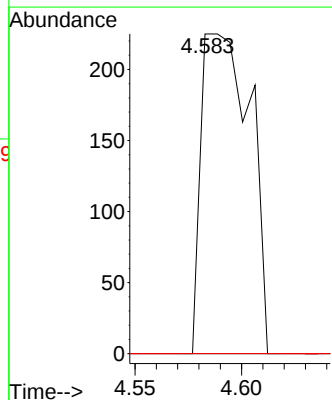
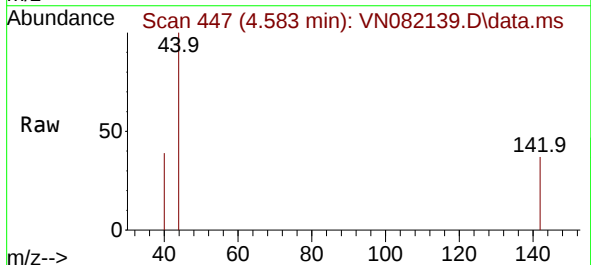
Manual Integrations
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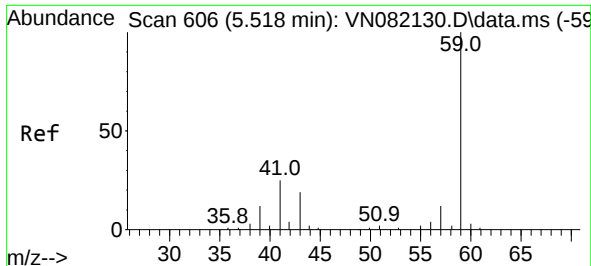
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
Methyl Iodide
Concen: 0.147 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

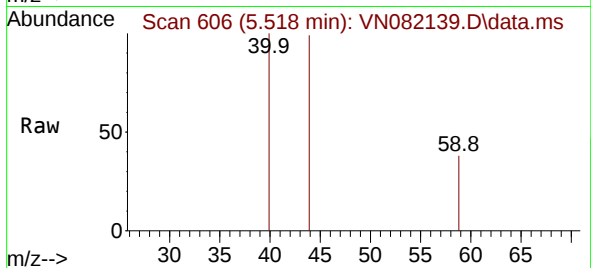
Tgt Ion:142 Resp: 360
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 0.122 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

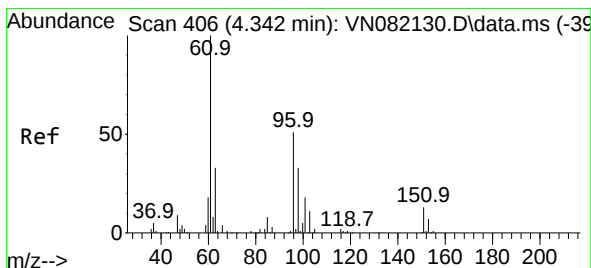
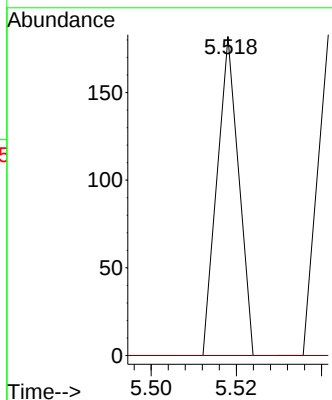
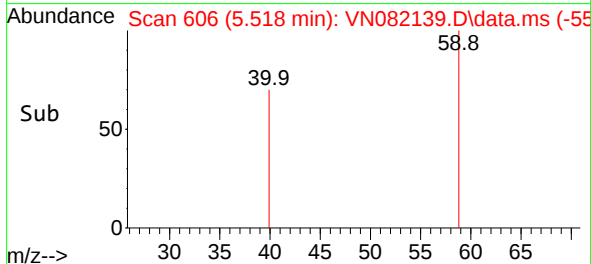
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



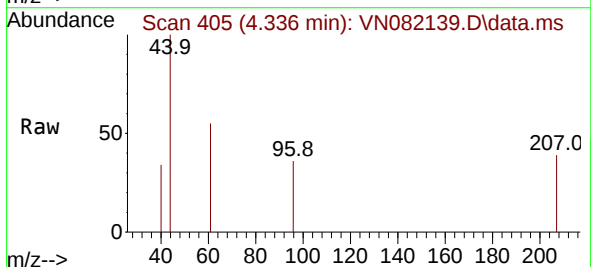
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

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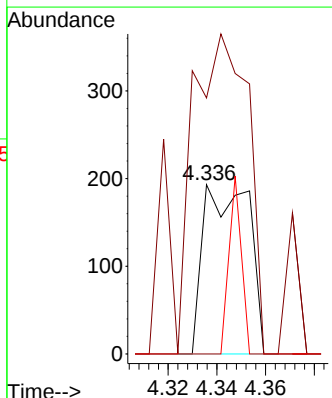
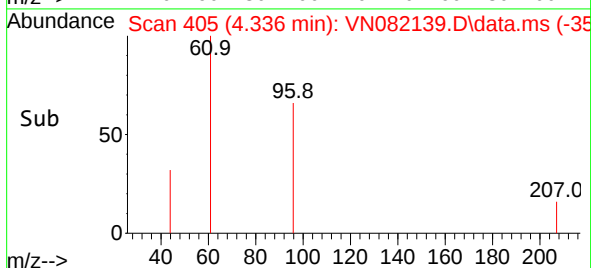
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

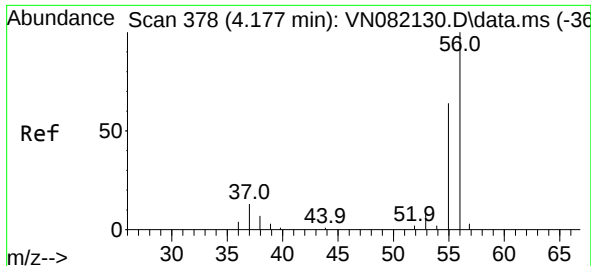


#12
1,1-Dichloroethene
Concen: 0.112 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



Tgt Ion: 96 Resp: 253
Ion Ratio Lower Upper
96 100
61 151.3 119.7 179.5
98 0.0 49.6 74.4





#13

Acrolein

Concen: 0.672 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

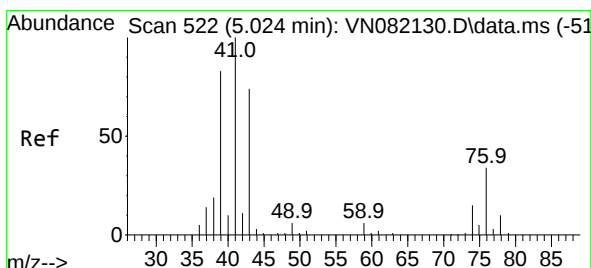
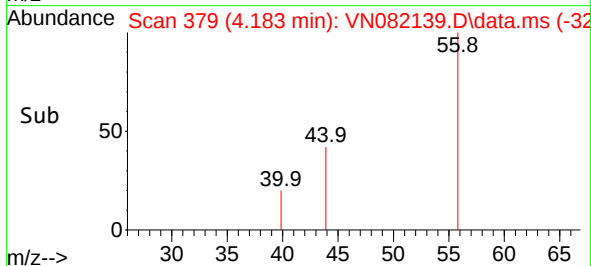
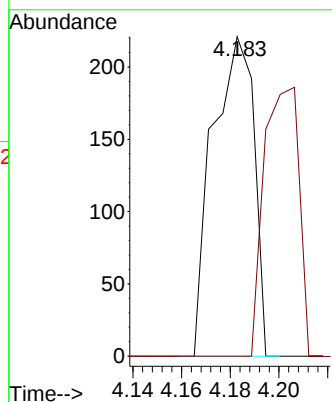
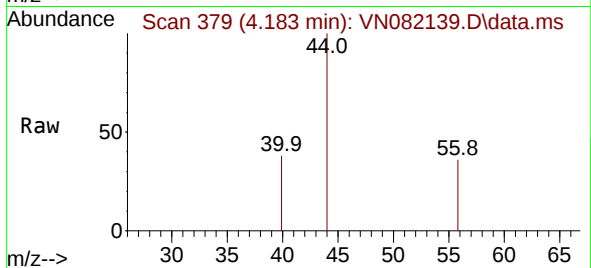
55 0.0 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#14

Allyl chloride

Concen: 0.151 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

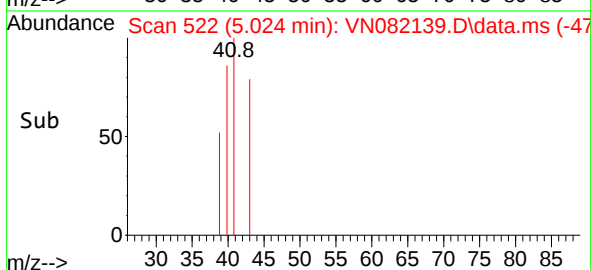
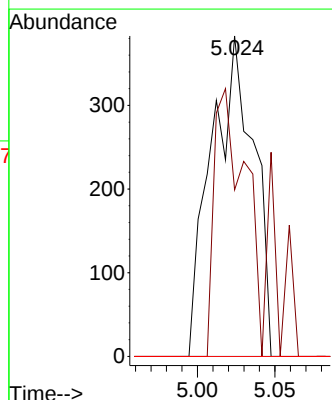
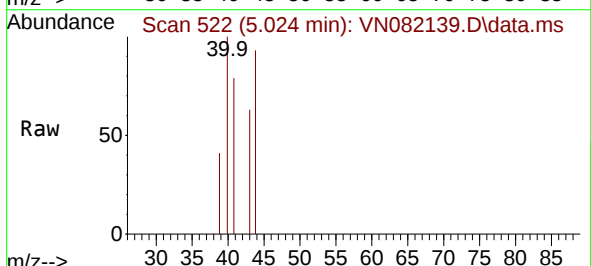
Tgt Ion: 41 Resp: 728

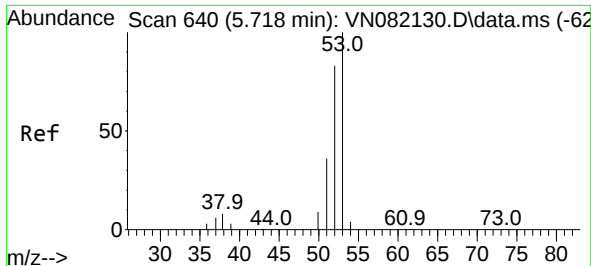
Ion Ratio Lower Upper

41 100

39 61.1 65.4 98.0#

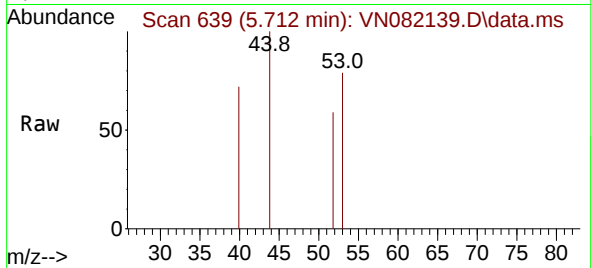
76 0.0 37.3 55.9#





#15
Acrylonitrile
Concen: 0.738 ug/l
RT: 5.712 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

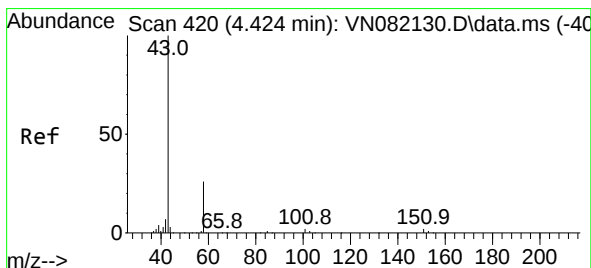
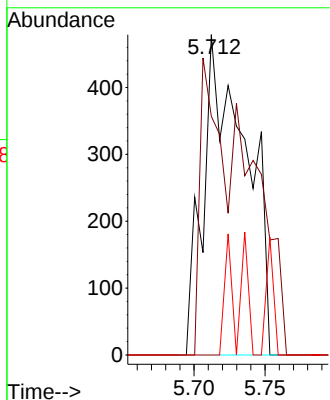
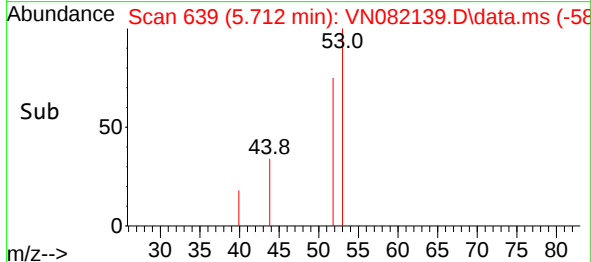
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 53 Resp: 100
Ion Ratio Lower Upper
53 100
52 47.3 66.1 99.1
51 0.0 29.4 44.2

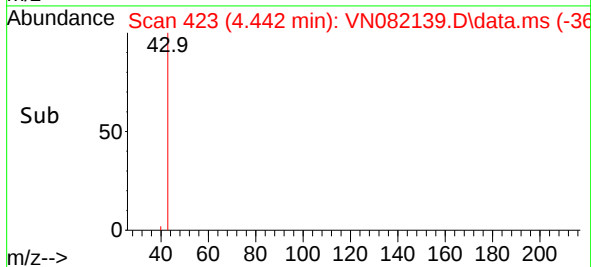
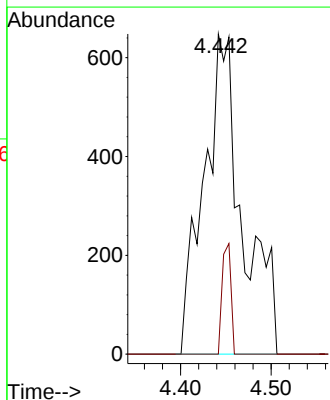
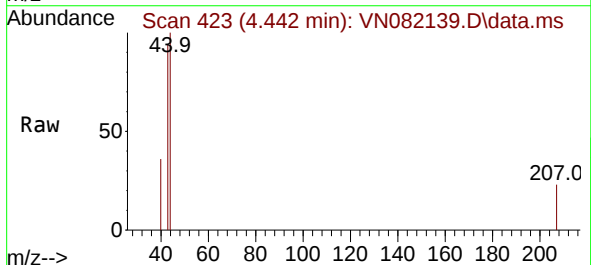
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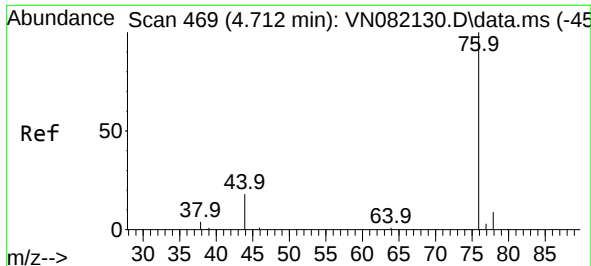
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#16
Acetone
Concen: 1.431 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

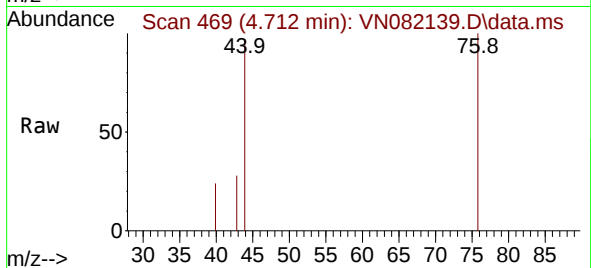
Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8





#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

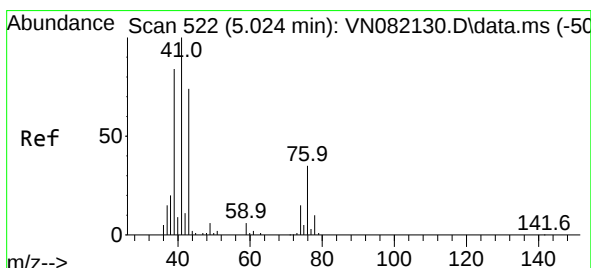
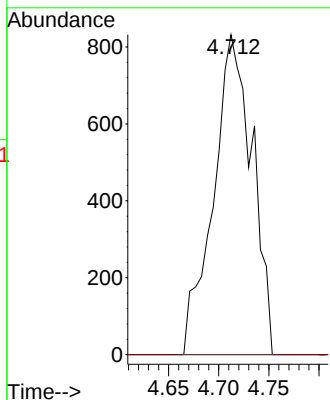
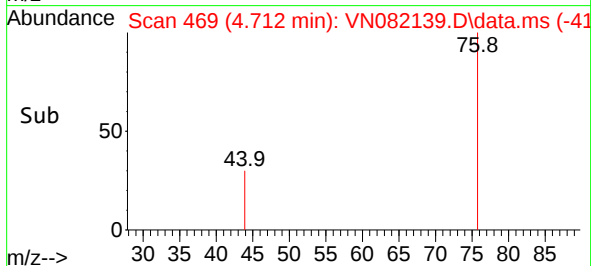
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 76 Resp: 224
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

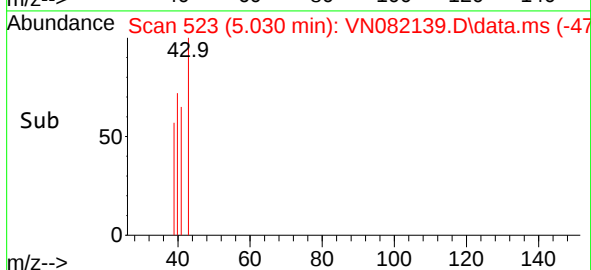
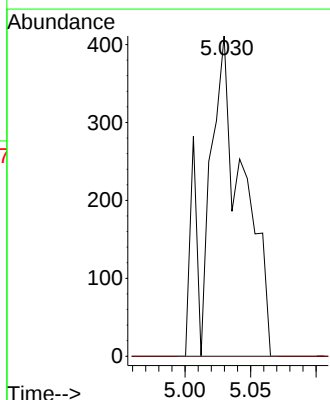
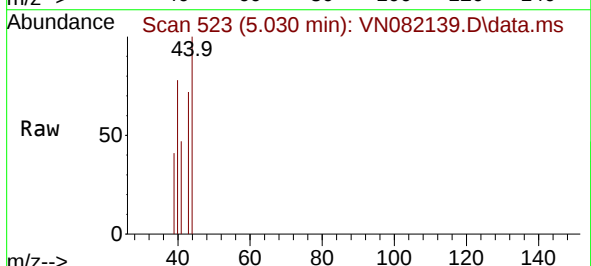
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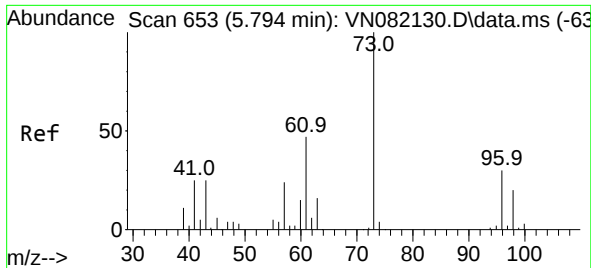
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

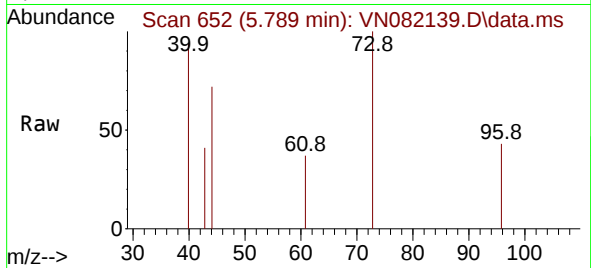
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 0.168 ug/l m
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

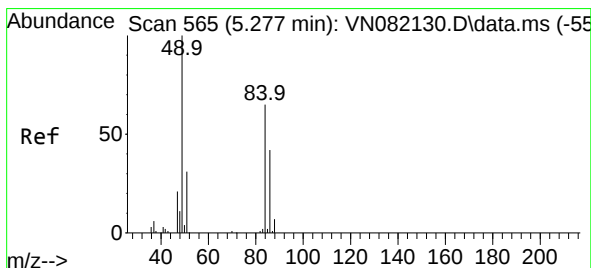
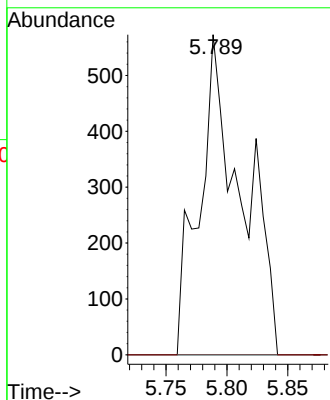
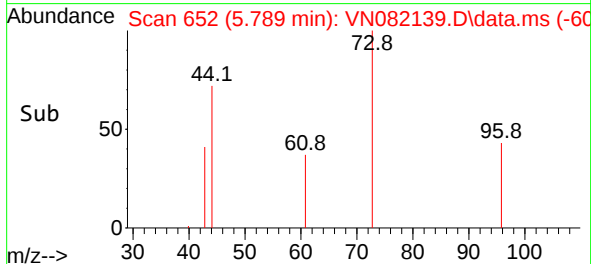
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 73 Resp: 1389
Ion Ratio Lower Upper
73 100
57 0.0 16.5 24.7

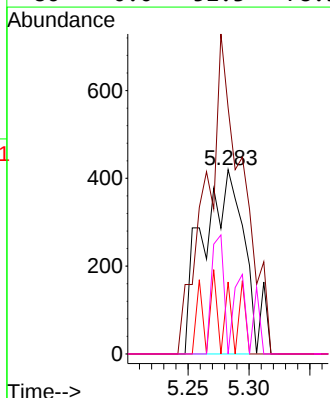
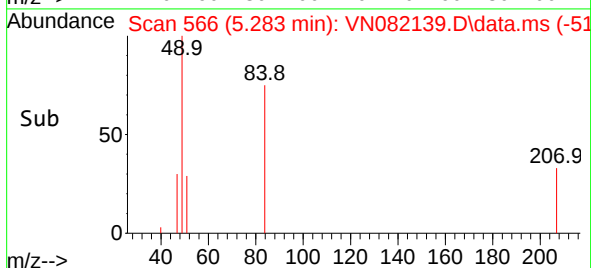
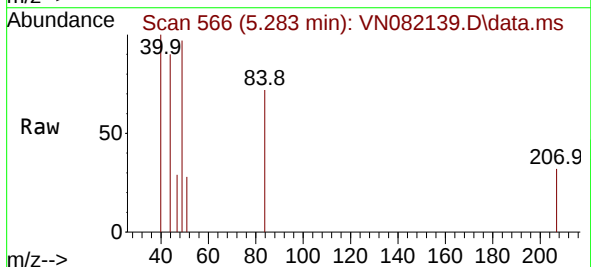
Manual Integrations
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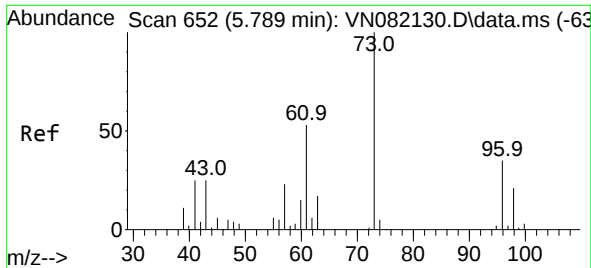
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 84 Resp: 1018
Ion Ratio Lower Upper
84 100
49 133.6 84.9 127.3#
51 39.0 27.0 40.6
86 0.0 52.3 78.5#





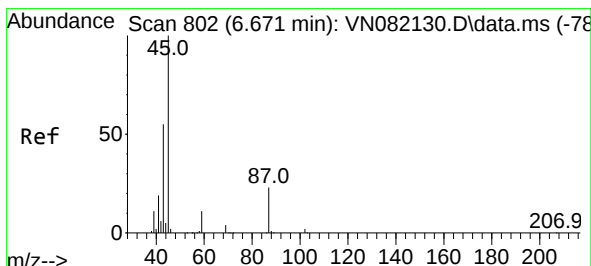
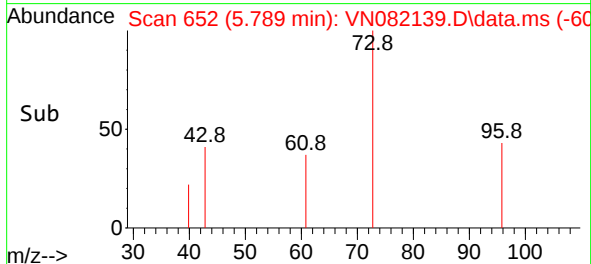
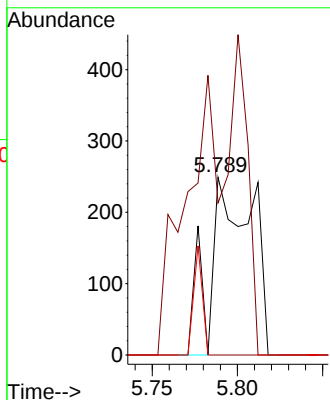
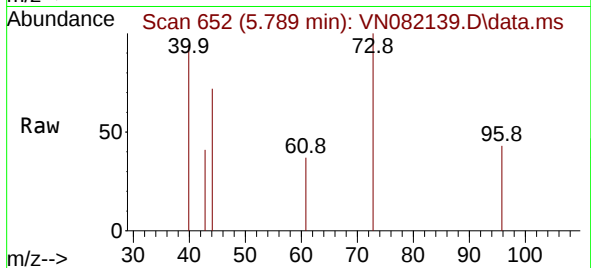
#21
trans-1,2-Dichloroethene
Concen: 0.176 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion: 96 Resp: 438
Ion Ratio Lower Upper
96 100
61 85.5 96.5 144.7
98 0.0 51.3 76.9

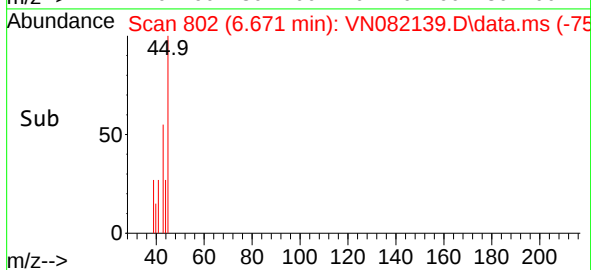
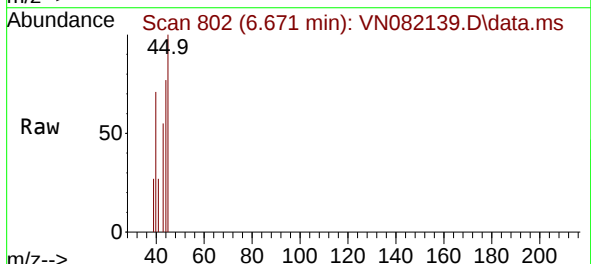
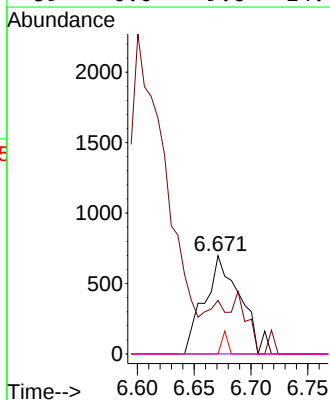
Manual Integrations
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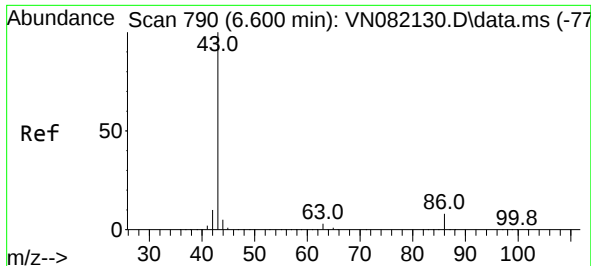
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#22
Diisopropyl ether
Concen: 0.152 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 45 Resp: 1537
Ion Ratio Lower Upper
45 100
43 54.7 44.1 66.1
87 0.0 27.0 40.6#
59 0.0 9.6 14.4#





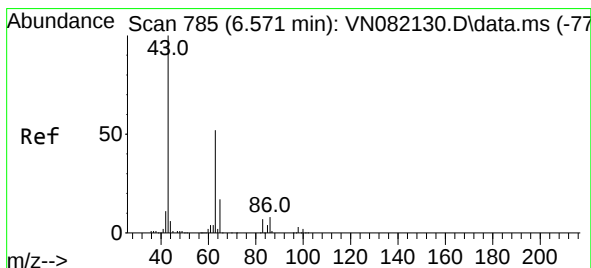
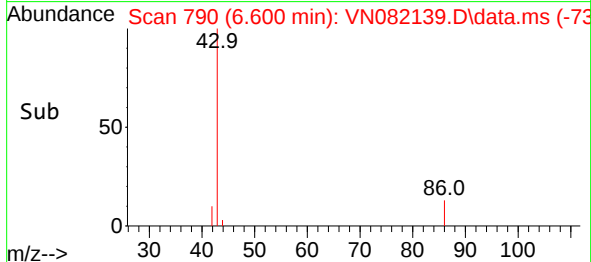
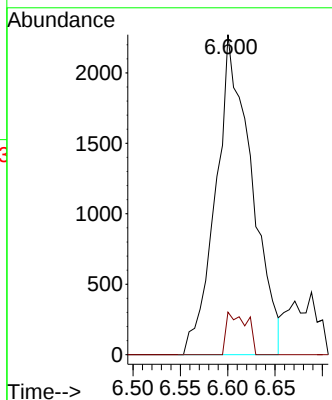
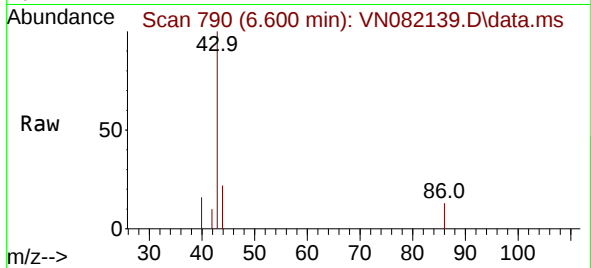
#23
 Vinyl Acetate
 Concen: 0.749 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

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

Tgt Ion: 43 Resp: 5964
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.2 15.4

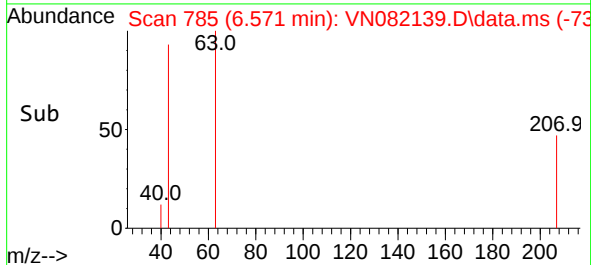
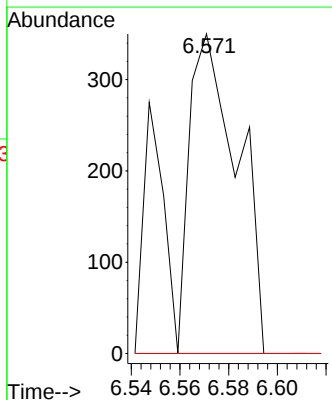
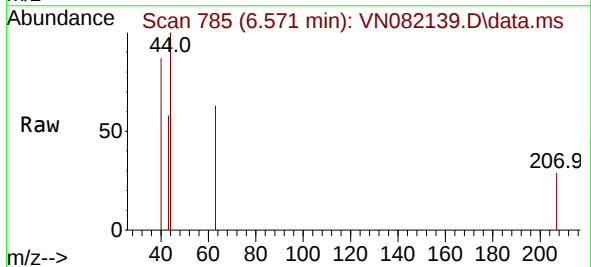
Manual Integrations
 APPROVED

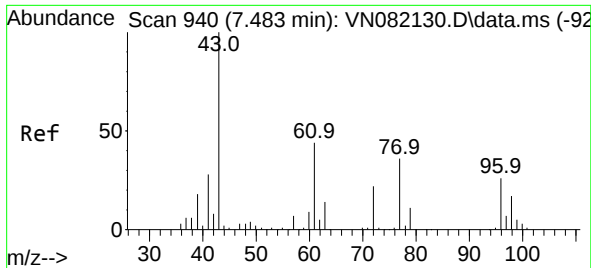
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#24
 1,1-Dichloroethane
 Concen: 0.092 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

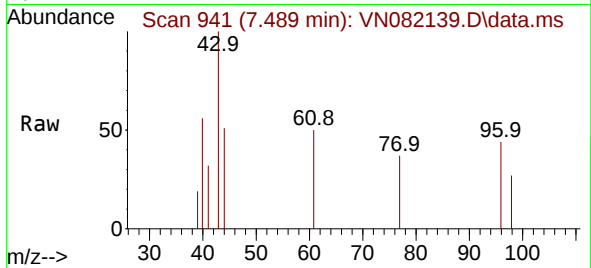
Tgt Ion: 63 Resp: 480
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.6 7.8#





#25
2-Butanone
Concen: 0.912 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

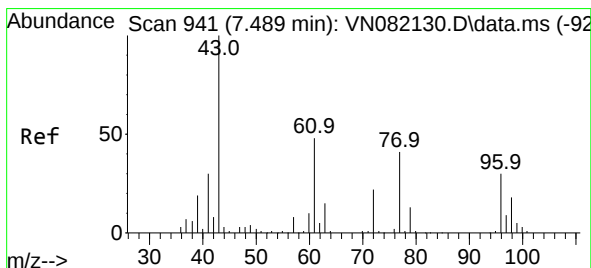
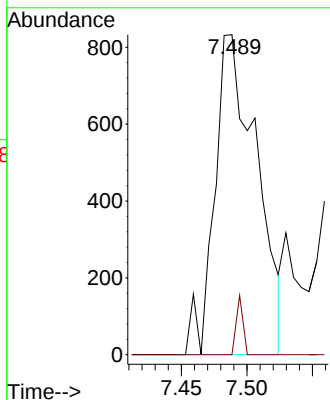
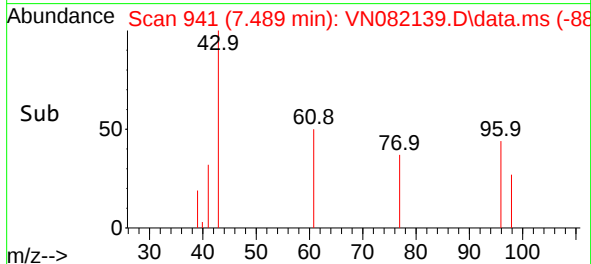
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9

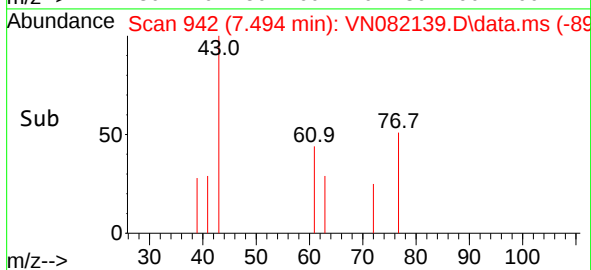
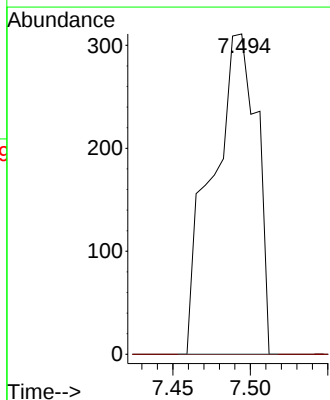
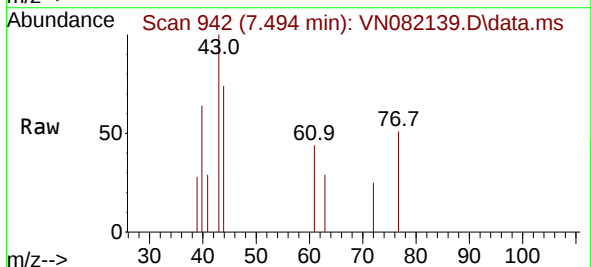
Manual Integrations
APPROVED

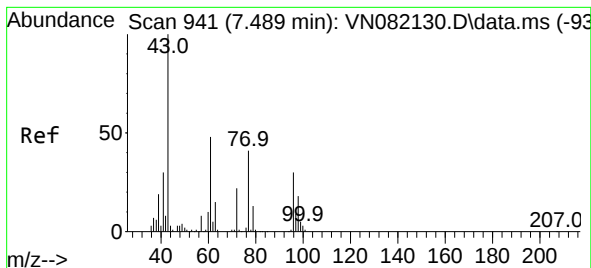
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
2,2-Dichloropropane
Concen: 0.144 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

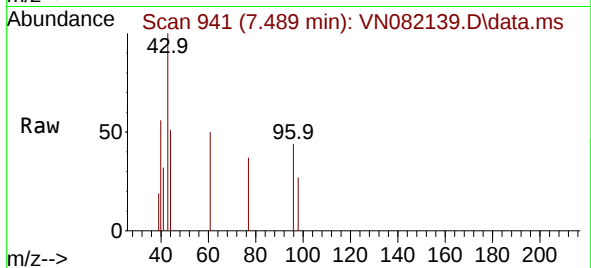
Tgt Ion: 77 Resp: 626
Ion Ratio Lower Upper
77 100
97 0.0 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 0.167 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

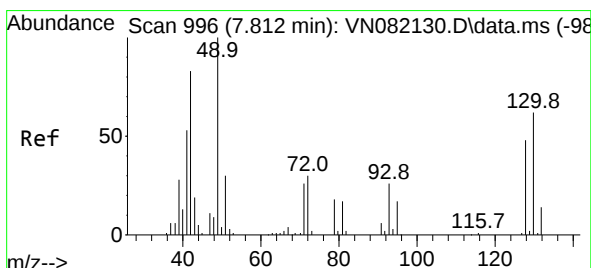
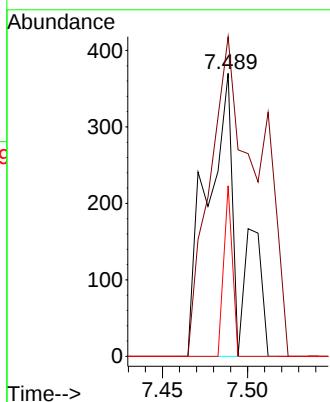
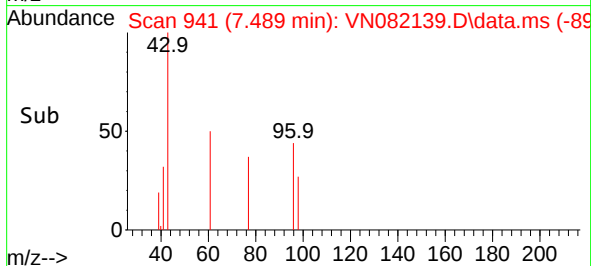
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 96 Resp: 480
 Ion Ratio Lower Upper
 96 100
 61 169.8 0.0 268.0
 98 16.3 0.0 126.8

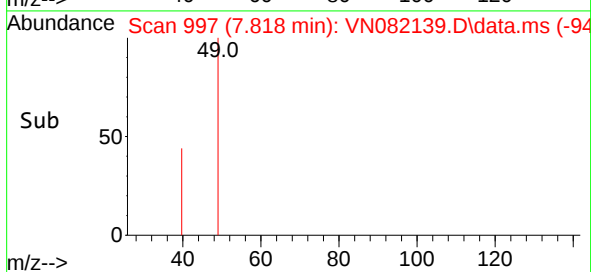
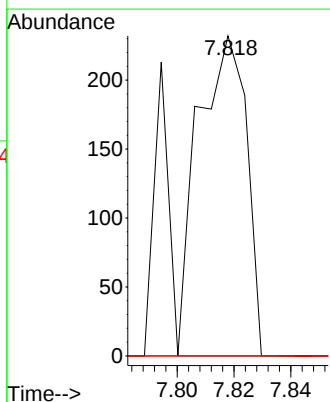
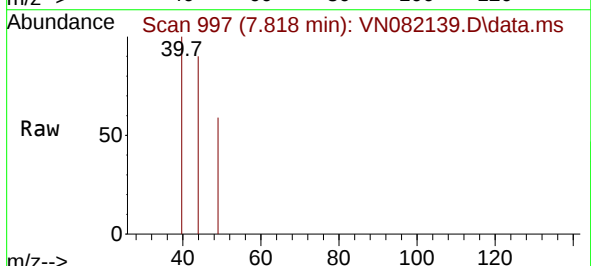
Manual Integrations
 APPROVED

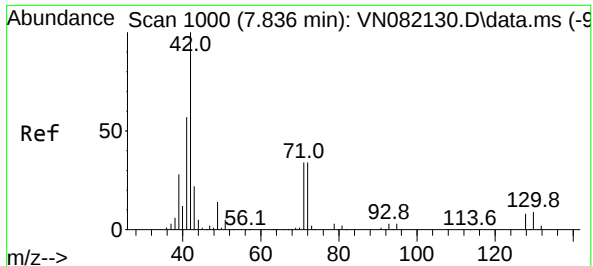
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#28
 Bromochloromethane
 Concen: 0.114 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

Tgt Ion: 49 Resp: 276
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 0.919 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VN082139.D

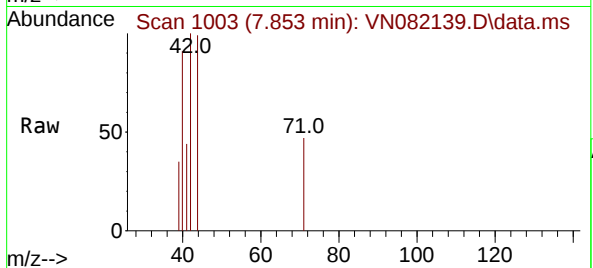
Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



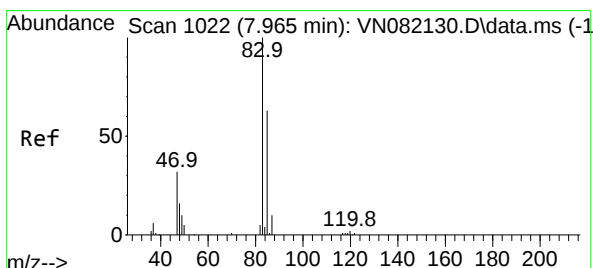
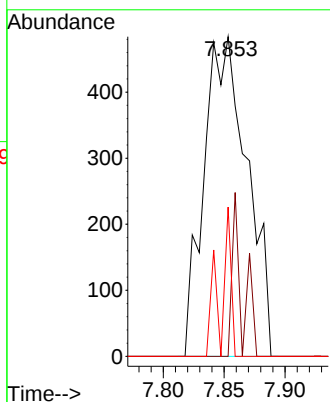
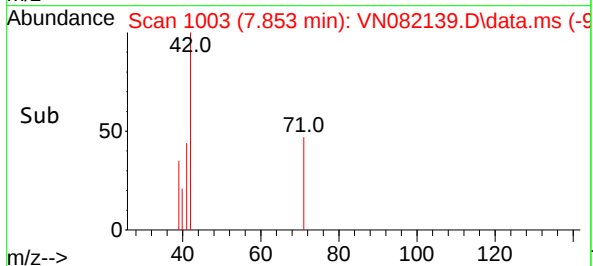
Tgt Ion:	42	Resp:	1198
Ion	Ratio	Lower	Upper
42	100		
72	11.9	39.3	58.9
71	4.8	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#30

Chloroform

Concen: 0.193 ug/l

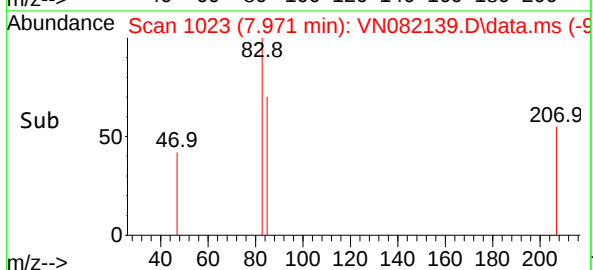
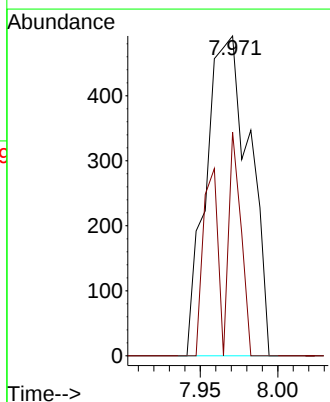
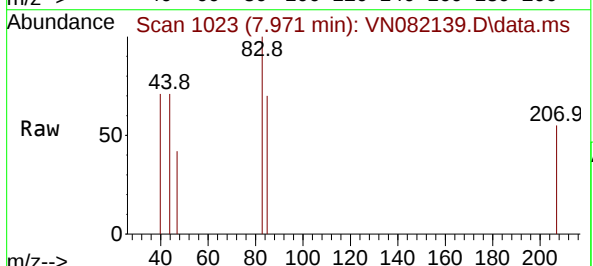
RT: 7.971 min Scan# 1023

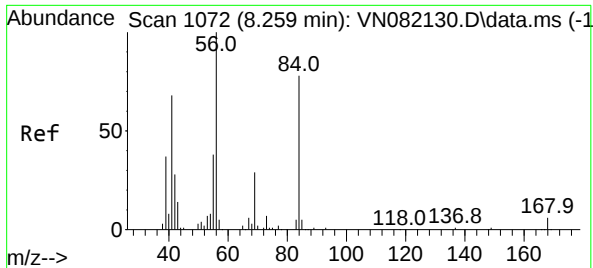
Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

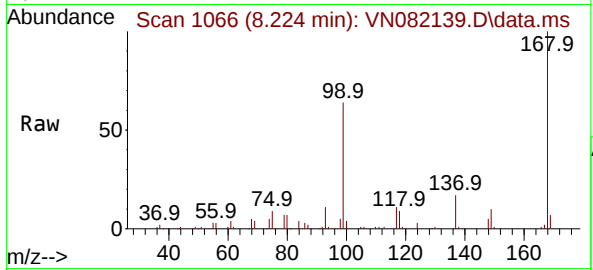
Tgt Ion:	83	Resp:	958
Ion	Ratio	Lower	Upper
83	100		
85	69.9	50.7	76.1





#31
Cyclohexane
Concen: 1.380 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

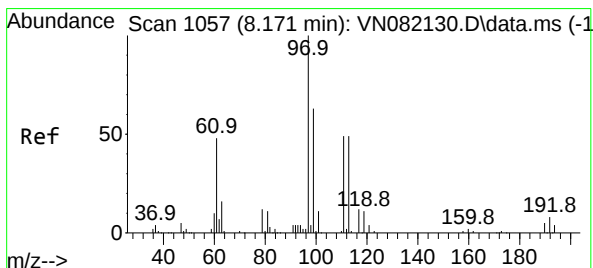
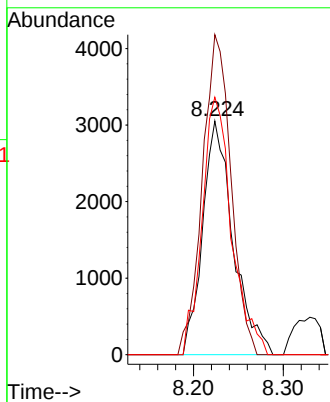
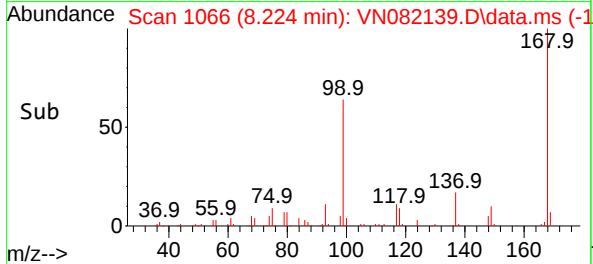
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



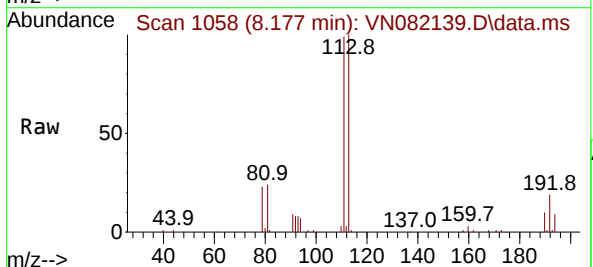
Tgt Ion: 56 Resp: 7200
Ion Ratio Lower Upper
56 100
69 137.0 24.4 36.6
84 110.2 77.0 115.4

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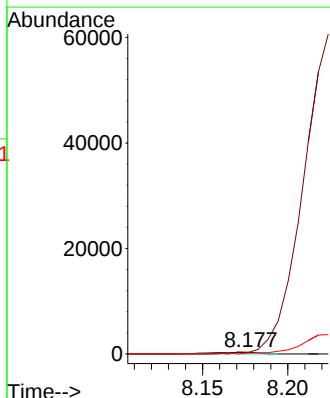
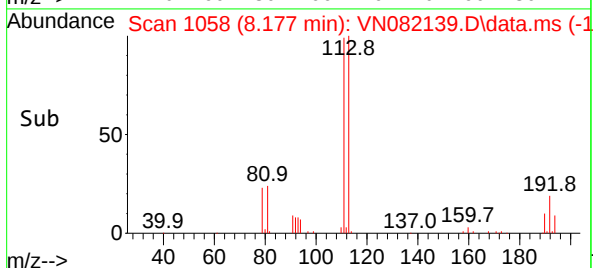
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

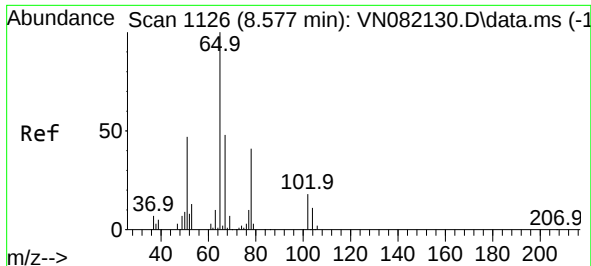


#32
1,1,1-Trichloroethane
Concen: 0.130 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



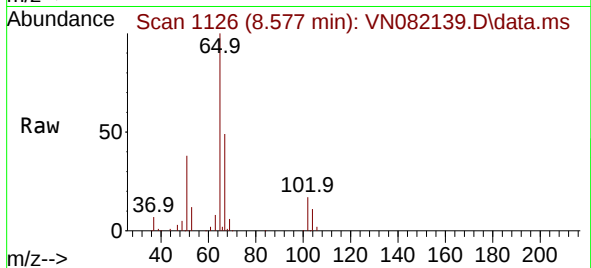
Tgt Ion: 97 Resp: 574
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 36.6 55.0#





#33
1,2-Dichloroethane-d4
Concen: 50.003 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

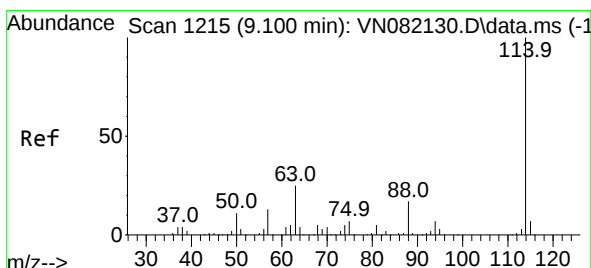
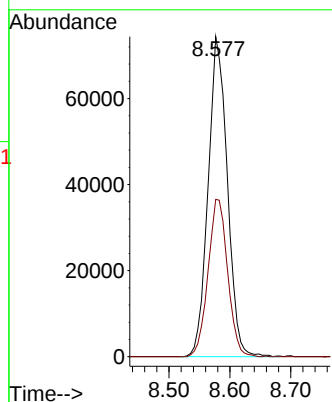
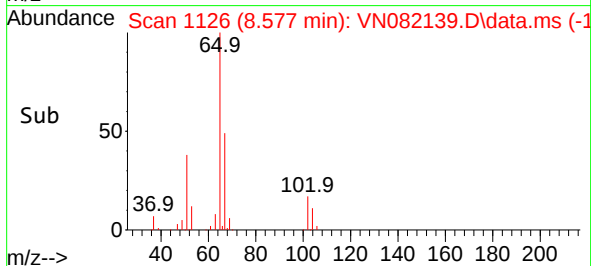
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



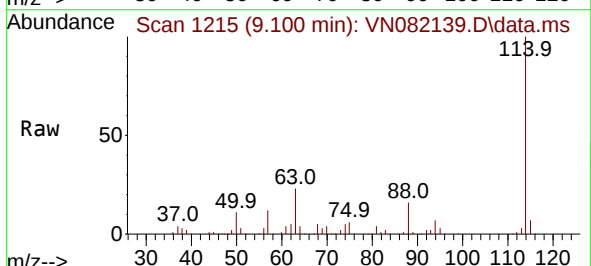
Tgt Ion: 65 Resp: 163293
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0

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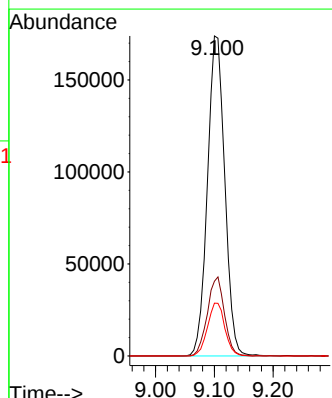
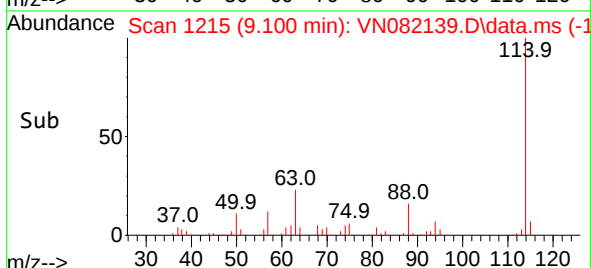
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

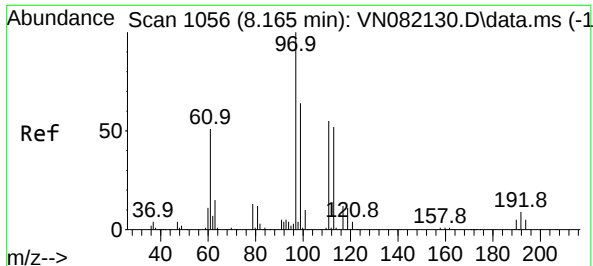


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



Tgt Ion:114 Resp: 356884
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.0
88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.772 ug/l

RT: 8.165 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

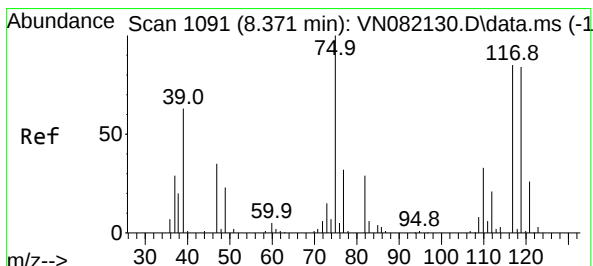
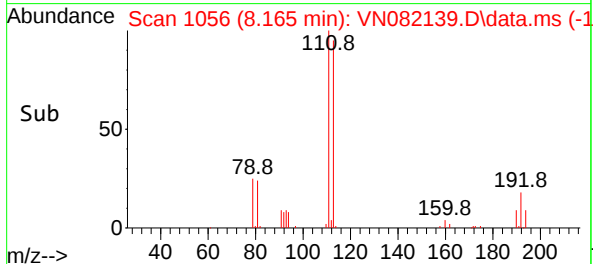
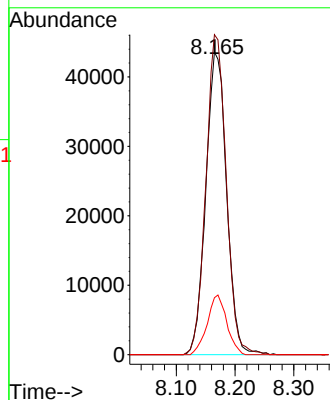
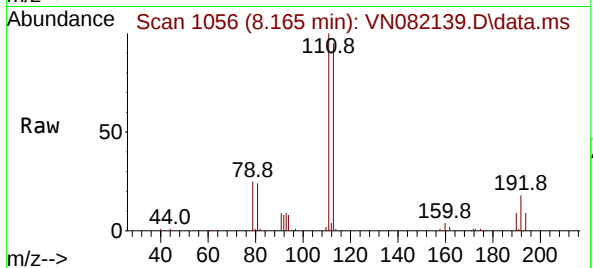
Tgt Ion:	113	Resp:	10707
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.4	125.2
192	18.5	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#36

1,1-Dichloropropene

Concen: 0.179 ug/l

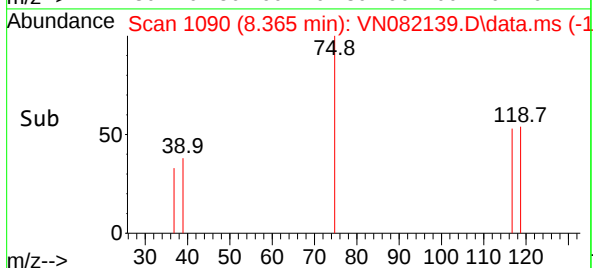
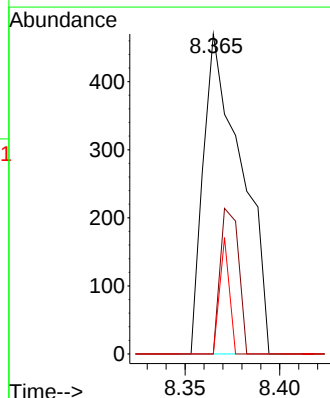
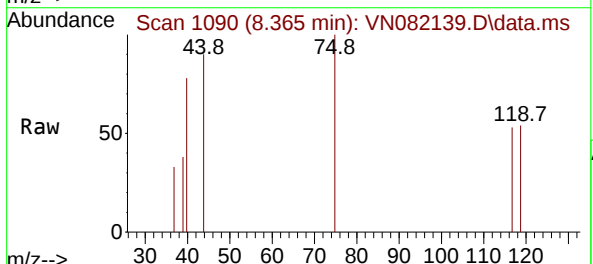
RT: 8.365 min Scan# 1090

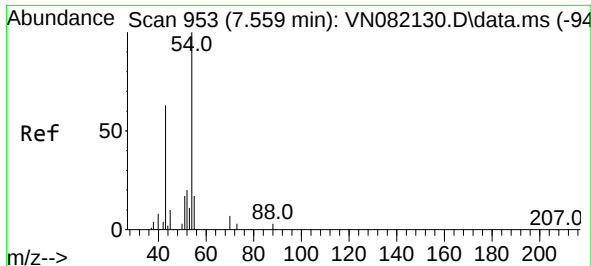
Delta R.T. -0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

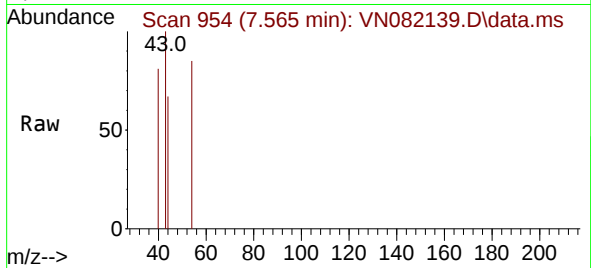
Tgt Ion:	75	Resp:	658
Ion Ratio	Lower	Upper	
75	100		
110	21.9	17.8	53.5
77	9.1	25.0	37.4





#37
Ethyl Acetate
Concen: 0.188 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

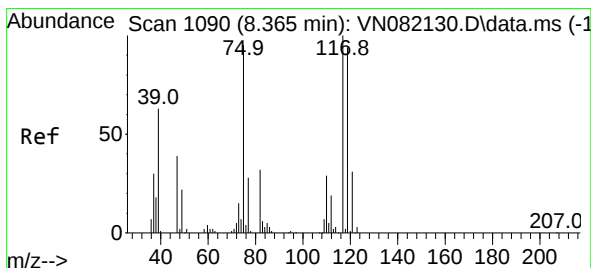
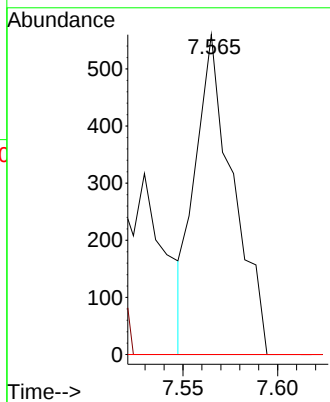
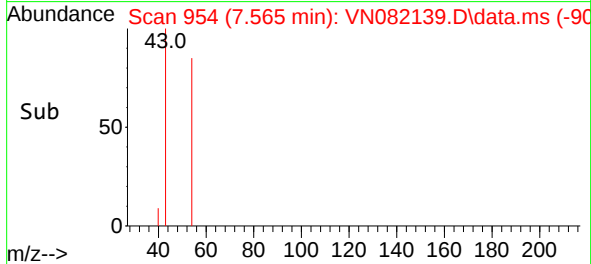
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#

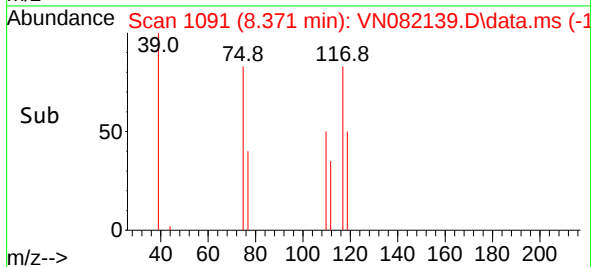
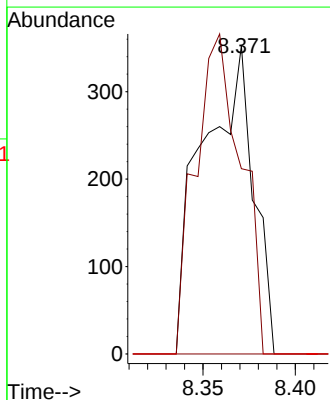
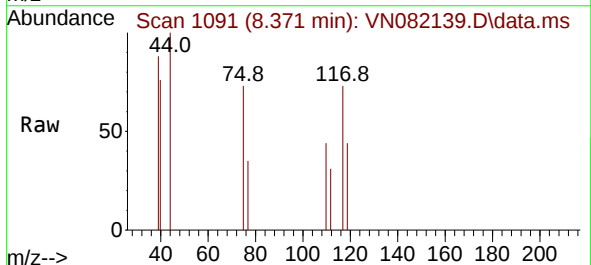
Manual Integrations
APPROVED

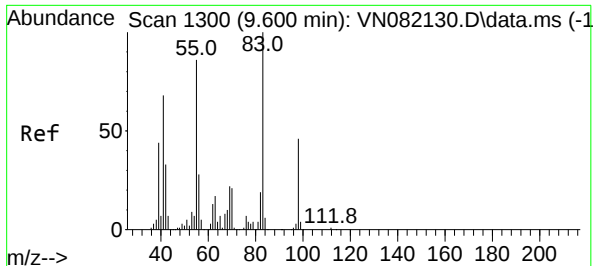
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Carbon Tetrachloride
Concen: 0.180 ug/l m
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion:117 Resp: 670
Ion Ratio Lower Upper
117 100
119 60.1 76.5 114.7#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.167 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

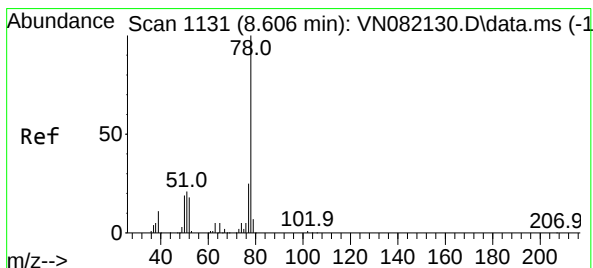
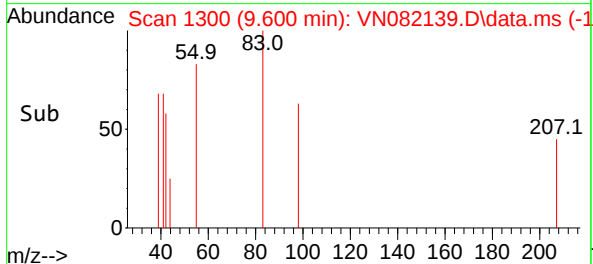
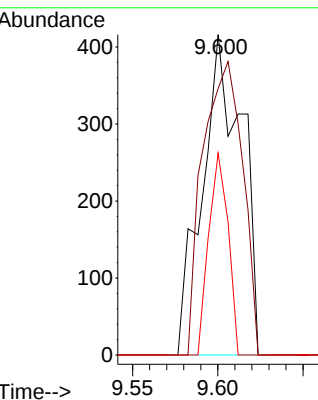
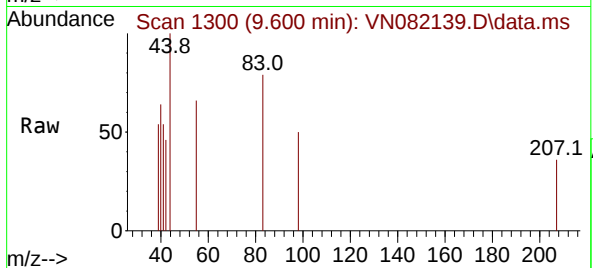
Tgt Ion: 83	Resp: 674
Ion Ratio	Lower Upper
83 100	
55 83.2	53.0 79.6
98 63.0	37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#40

Benzene

Concen: 0.183 ug/l

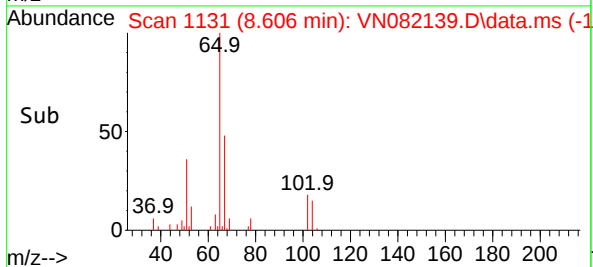
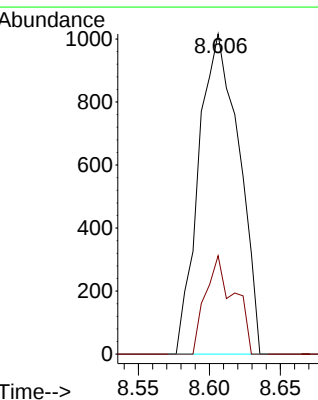
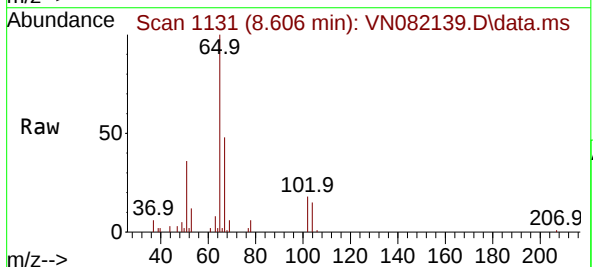
RT: 8.606 min Scan# 1131

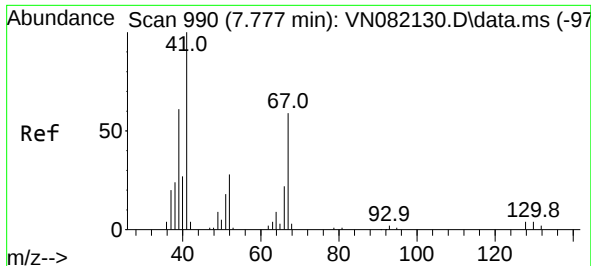
Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

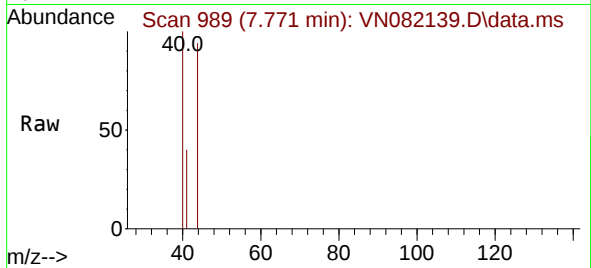
Tgt Ion: 78	Resp: 2005
Ion Ratio	Lower Upper
78 100	
77 30.7	20.0 30.0





#41
Methacrylonitrile
Concen: 0.078 ug/l m
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

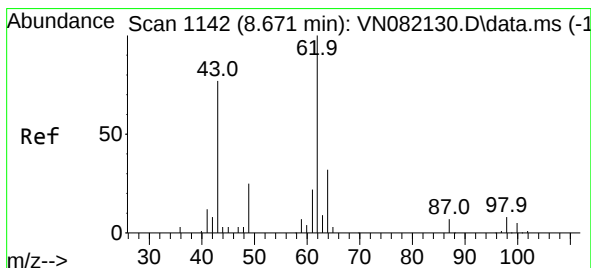
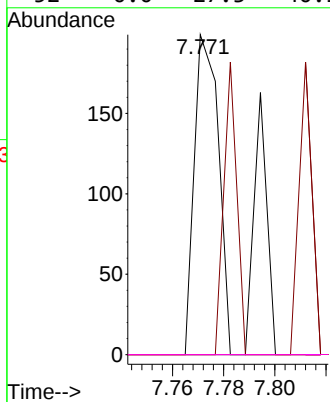
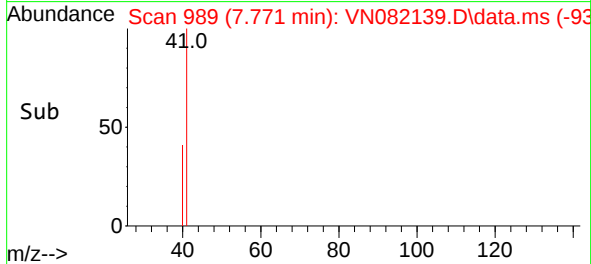
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 41 Resp: 188
Ion Ratio Lower Upper
41 100
39 0.0 46.6 69.8
67 0.0 67.3 100.9
52 0.0 27.3 40.9

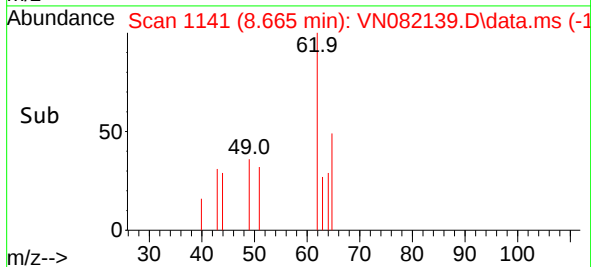
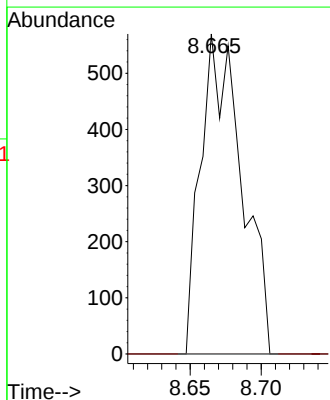
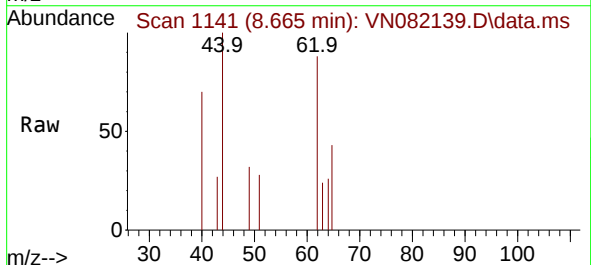
Manual Integrations
APPROVED

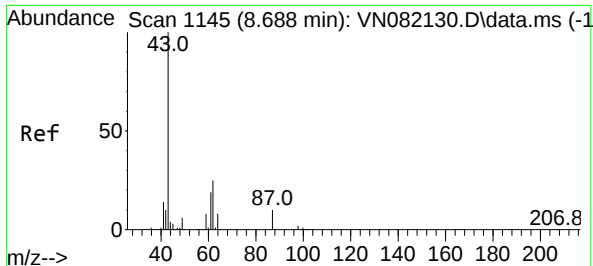
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
1,2-Dichloroethane
Concen: 0.271 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 62 Resp: 1146
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 0.171 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082139.D

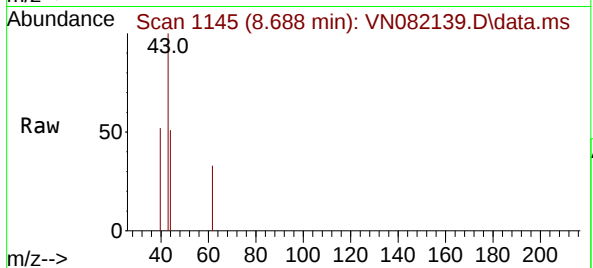
Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



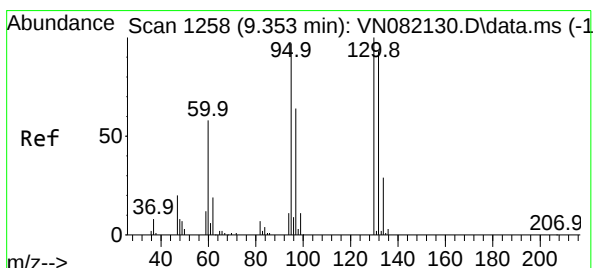
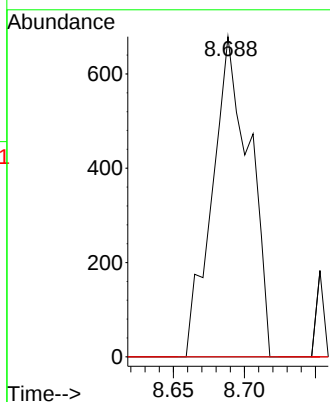
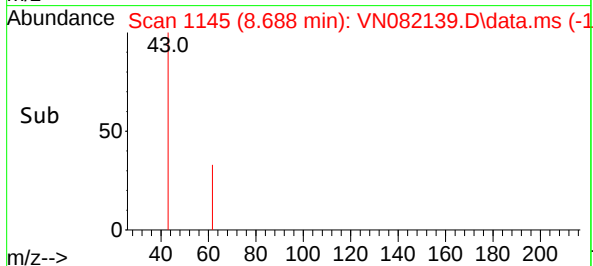
Tgt Ion: 43	Resp: 124
Ion Ratio	Lower Upper
43	100
61	0.0 22.8 34.2
87	0.0 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#44

Trichloroethene

Concen: 0.213 ug/l m

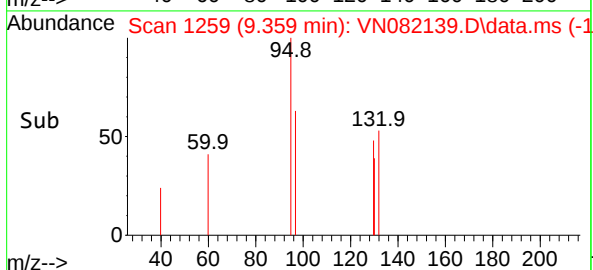
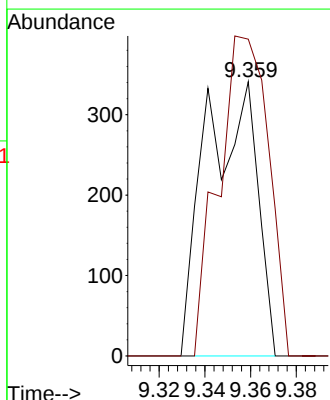
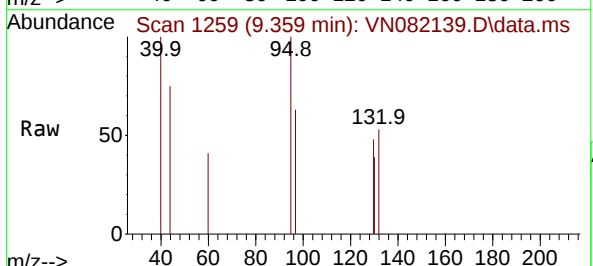
RT: 9.359 min Scan# 1259

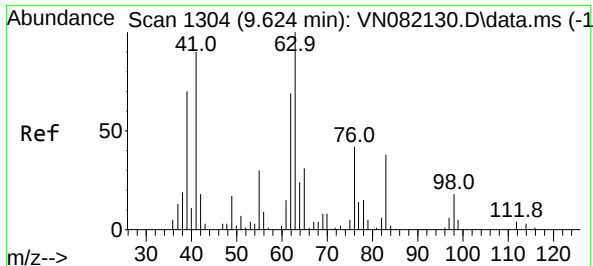
Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Tgt Ion:130	Resp: 531
Ion Ratio	Lower Upper
130	100
95	209.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 0.167 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 474

Ion Ratio Lower Upper

63 100

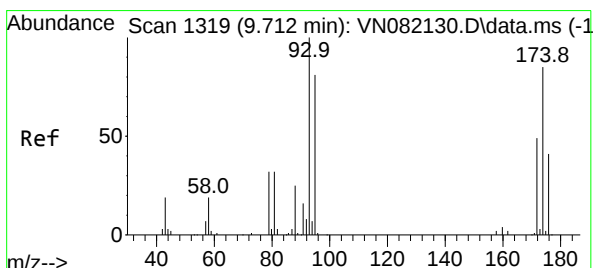
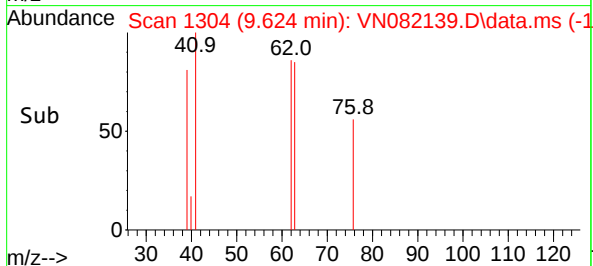
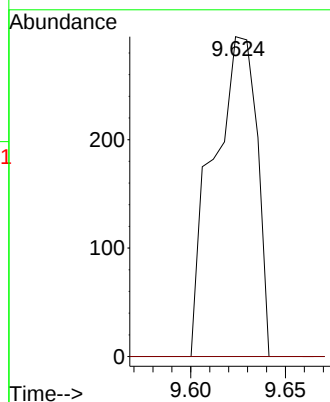
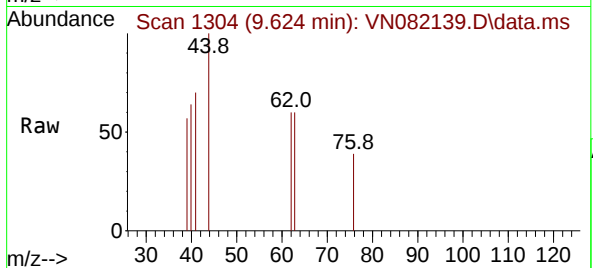
65 0.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#46

Dibromomethane

Concen: 0.063 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

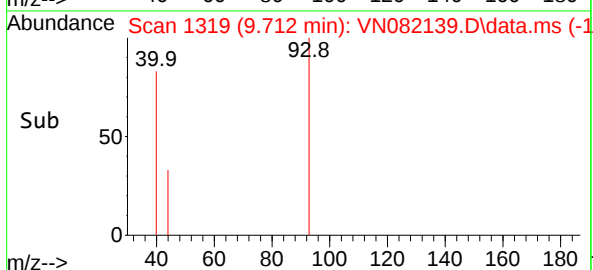
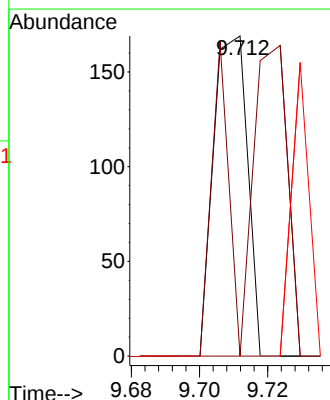
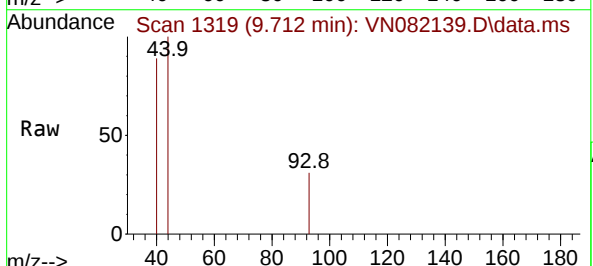
Tgt Ion: 93 Resp: 117

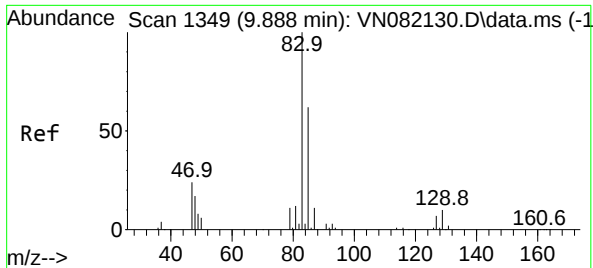
Ion Ratio Lower Upper

93 100

95 147.0 64.8 97.2#

174 0.0 73.4 110.0#





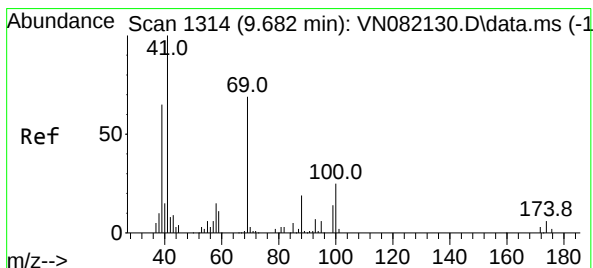
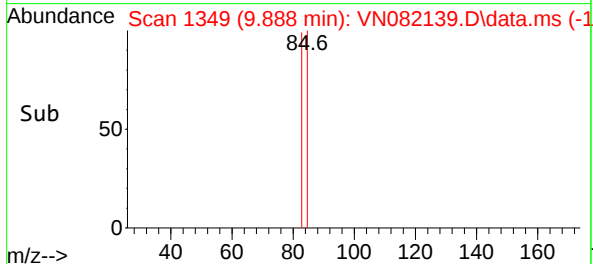
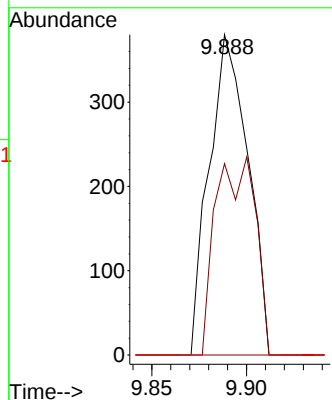
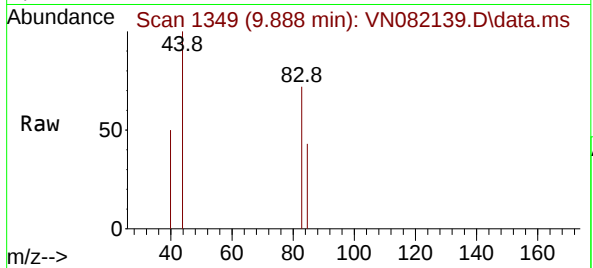
#47
Bromodichloromethane
Concen: 0.138 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion: 83 Resp: 543
Ion Ratio Lower Upper
83 100
85 59.7 51.9 77.9
127 0.0 7.5 11.3

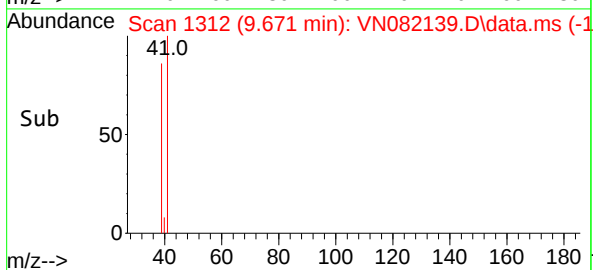
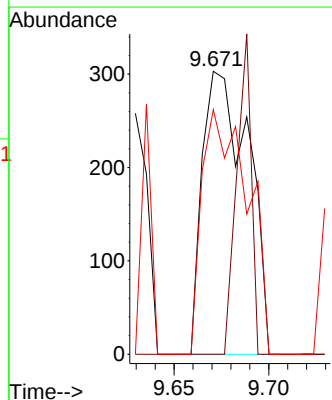
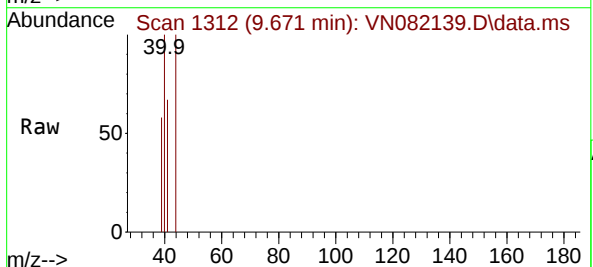
Manual Integrations
APPROVED

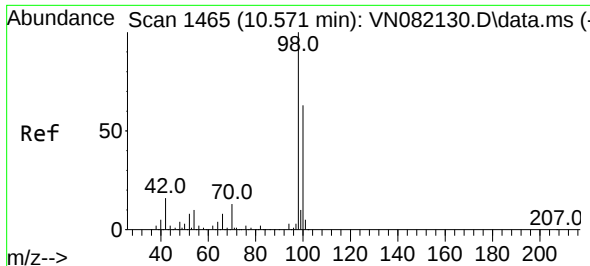
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#48
Methyl methacrylate
Concen: 0.146 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.012 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 41 Resp: 509
Ion Ratio Lower Upper
41 100
69 36.0 77.9 116.9#
39 86.4 50.9 76.3#





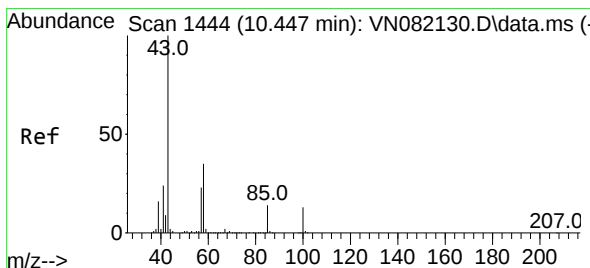
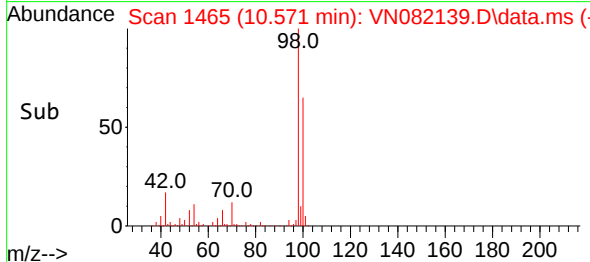
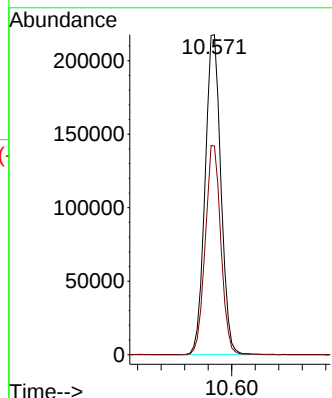
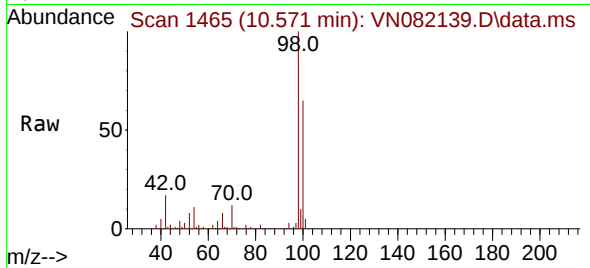
#50
Toluene-d8
Concen: 48.331 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion: 98 Resp: 40680
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

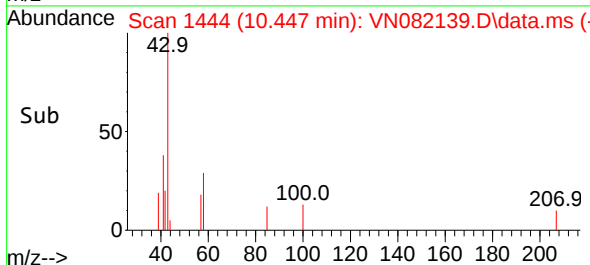
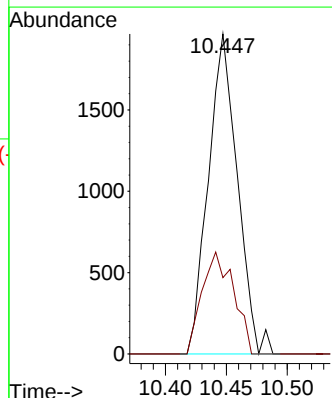
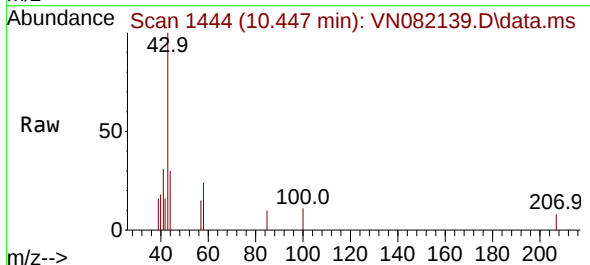
Manual Integrations
APPROVED

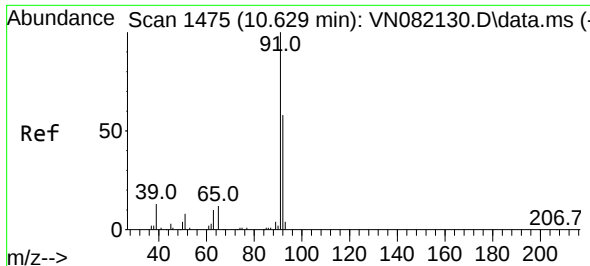
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#51
4-Methyl-2-Pentanone
Concen: 0.787 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

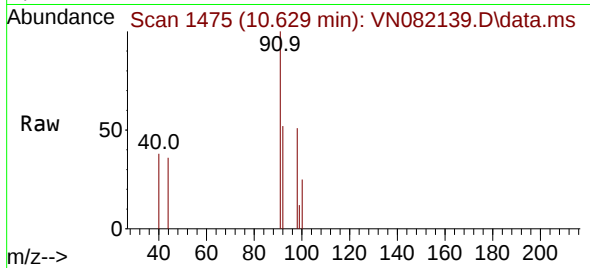
Tgt Ion: 43 Resp: 3263
Ion Ratio Lower Upper
43 100
58 34.7 33.2 49.8





#52
Toluene
Concen: 0.160 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

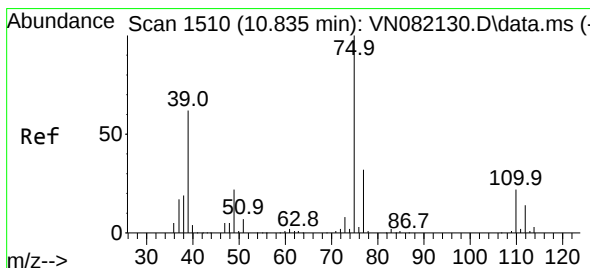
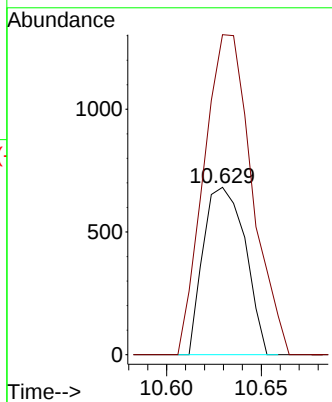
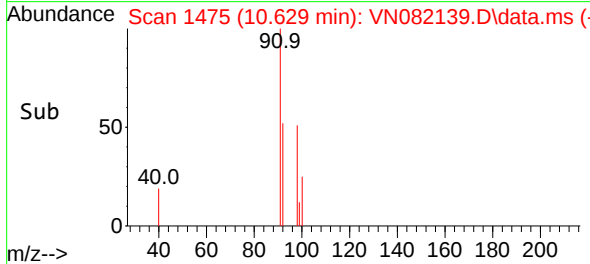
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 92 Resp: 105
Ion Ratio Lower Upper
92 100
91 219.4 136.7 205.1

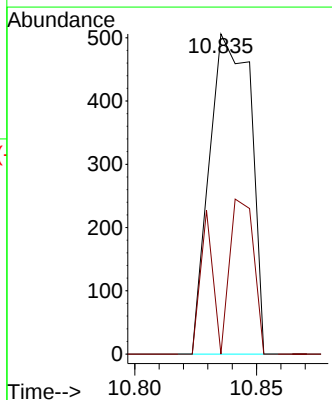
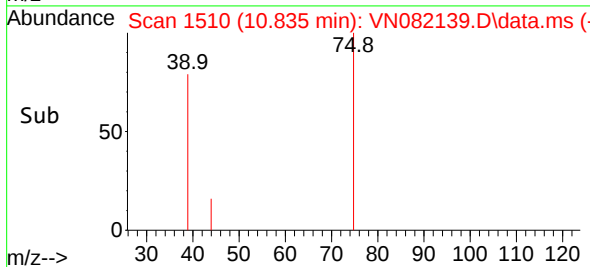
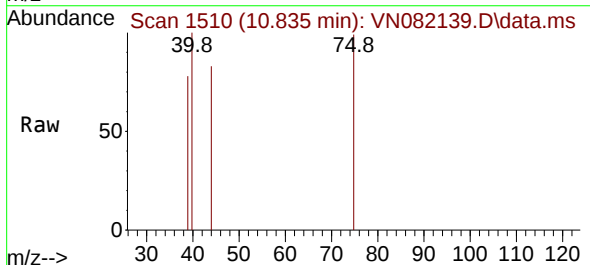
Manual Integrations
APPROVED

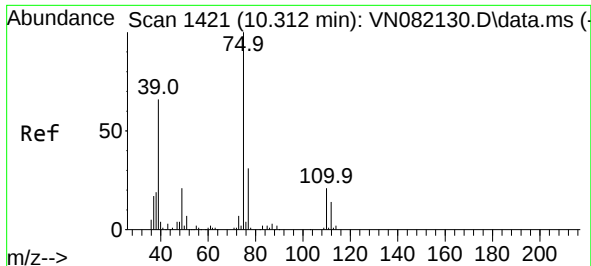
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#53
t-1,3-Dichloropropene
Concen: 0.147 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

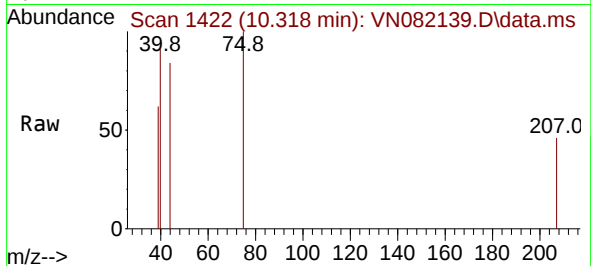
Tgt Ion: 75 Resp: 595
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0





#54
cis-1,3-Dichloropropene
Concen: 0.174 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

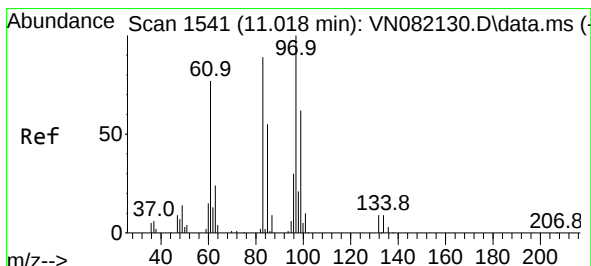
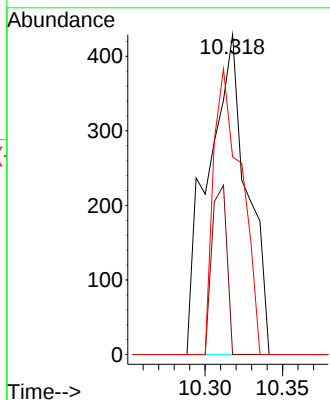
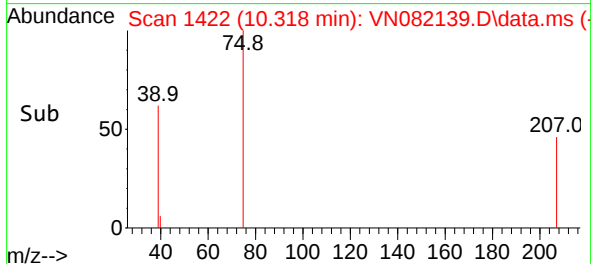
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 750
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 61.8 34.8 52.2#

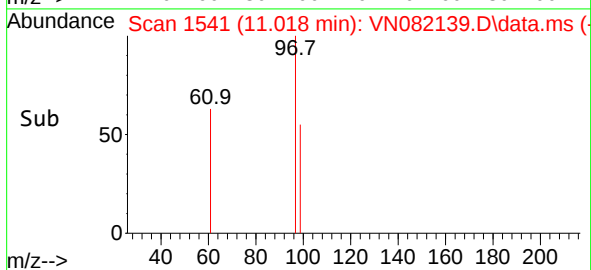
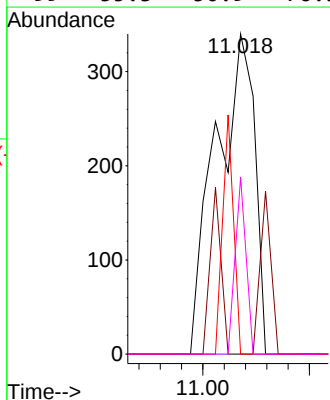
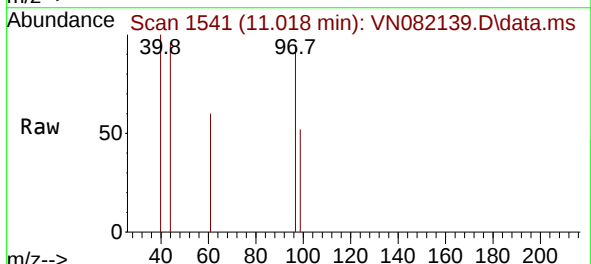
Manual Integrations
APPROVED

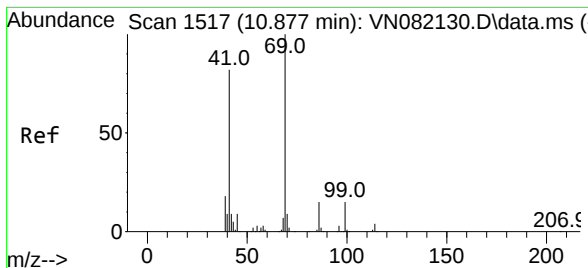
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#55
1,1,2-Trichloroethane
Concen: 0.179 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 97 Resp: 429
Ion Ratio Lower Upper
97 100
83 0.0 70.4 105.6#
85 0.0 45.6 68.4#
99 55.3 50.9 76.3#





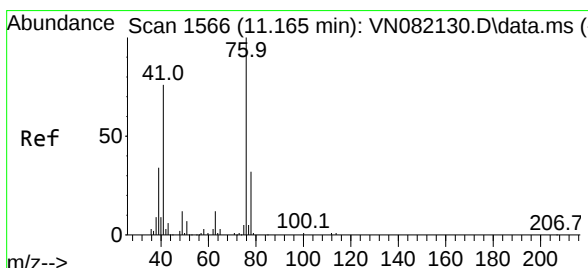
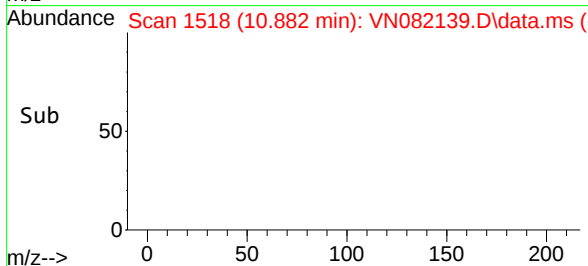
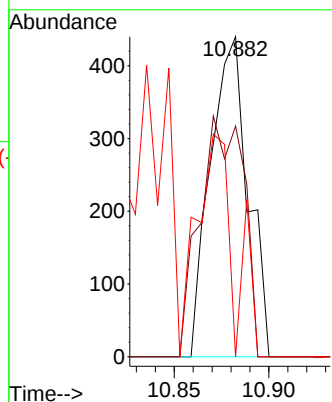
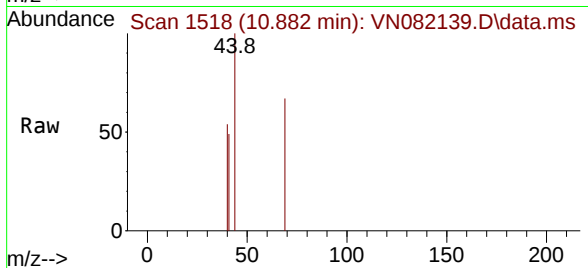
#56
Ethyl methacrylate
Concen: 0.150 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion: 69 Resp: 609
Ion Ratio Lower Upper
69 100
41 87.5 46.6 70.0
39 69.0 26.5 39.7

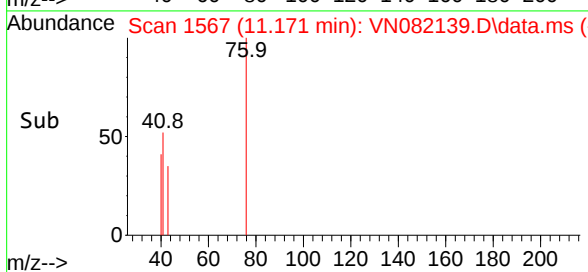
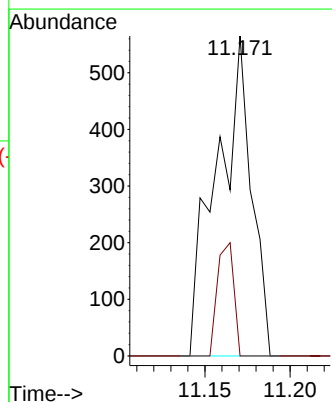
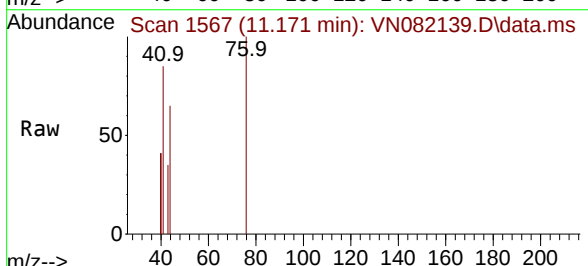
Manual Integrations
APPROVED

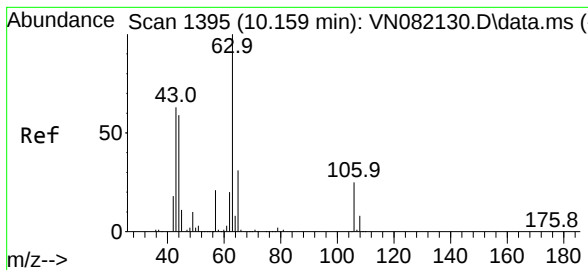
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#57
1,3-Dichloropropane
Concen: 0.180 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 76 Resp: 804
Ion Ratio Lower Upper
76 100
78 16.5 25.8 38.6





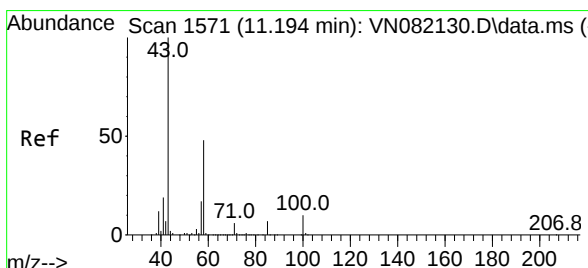
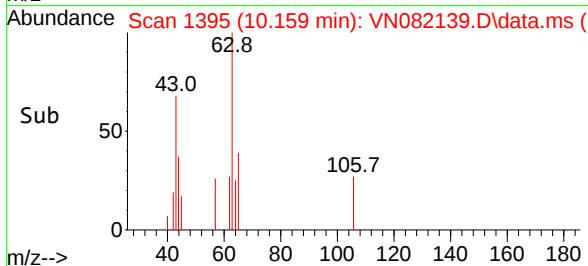
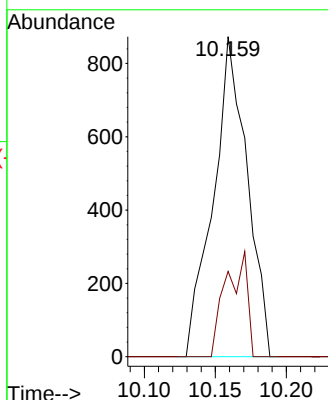
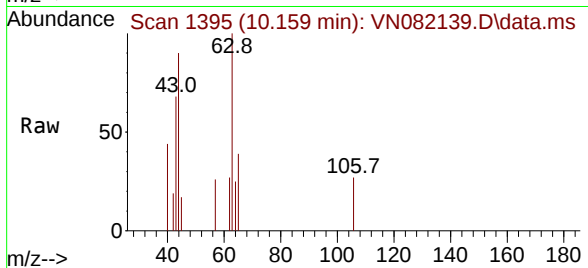
#58
2-Chloroethyl Vinyl ether
Concen: 0.691 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion: 63 Resp: 1450
Ion Ratio Lower Upper
63 100
106 20.7 24.6 36.8

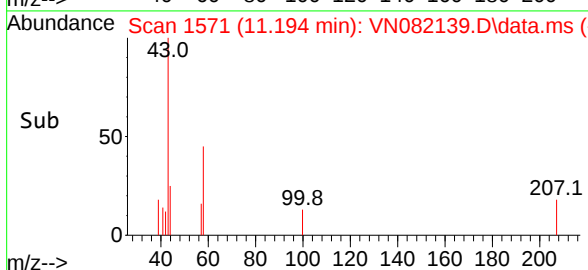
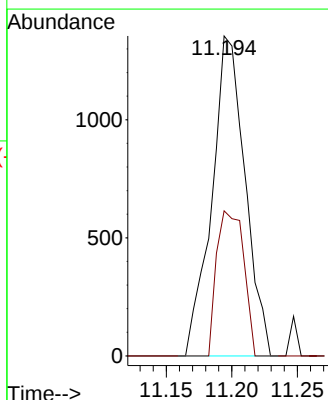
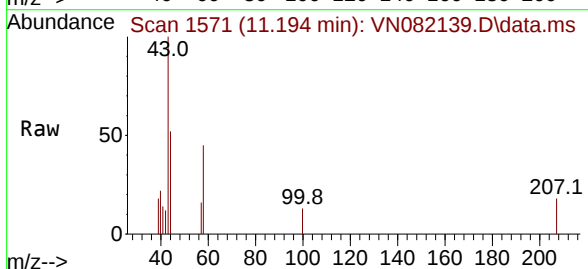
Manual Integrations
APPROVED

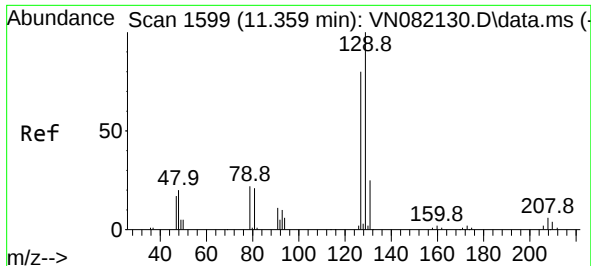
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#59
2-Hexanone
Concen: 0.786 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

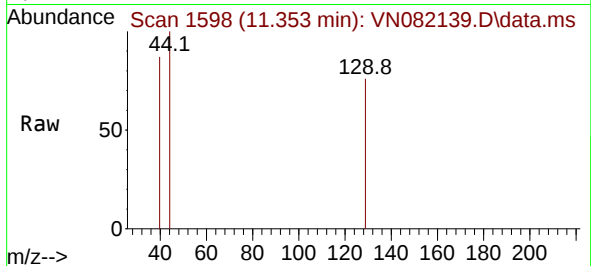
Tgt Ion: 43 Resp: 2386
Ion Ratio Lower Upper
43 100
58 36.8 28.3 84.9





#60
Dibromochloromethane
Concen: 0.153 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

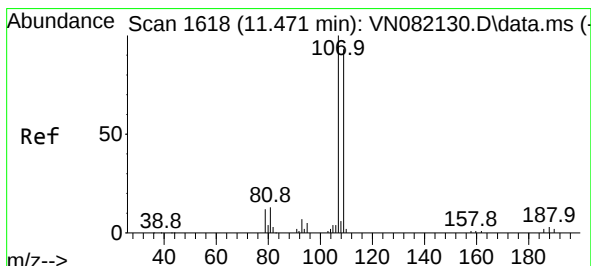
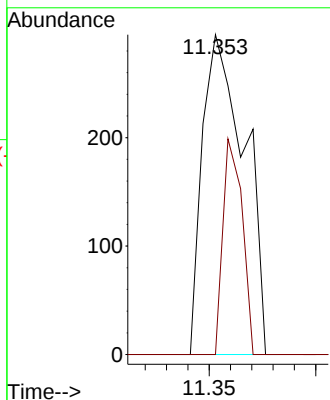
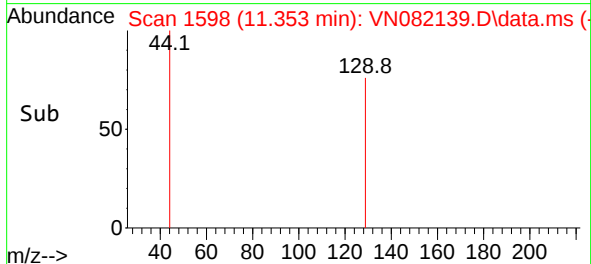
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:129 Resp: 404
Ion Ratio Lower Upper
129 100
127 30.7 38.3 114.8

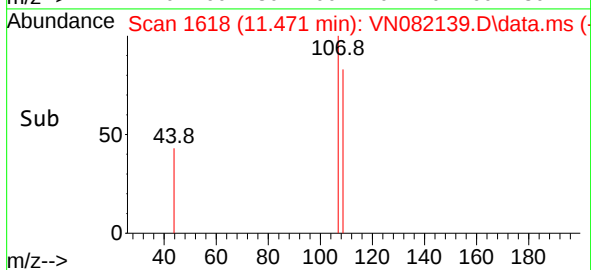
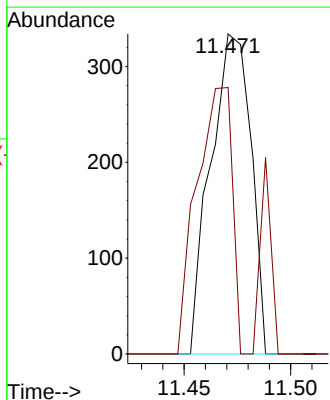
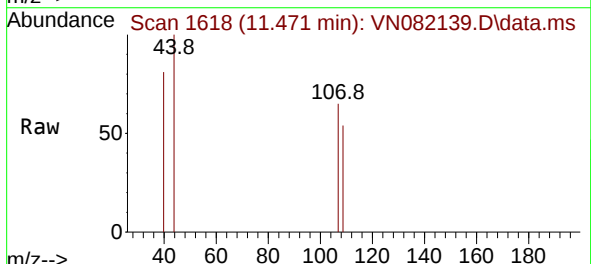
Manual Integrations
APPROVED

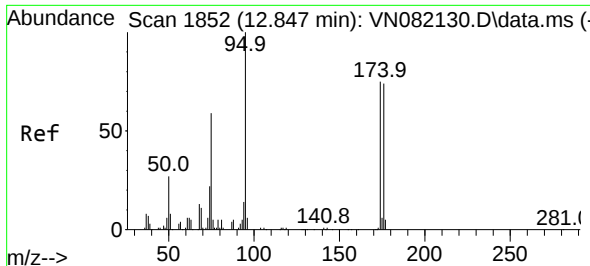
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#61
1,2-Dibromoethane
Concen: 0.179 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

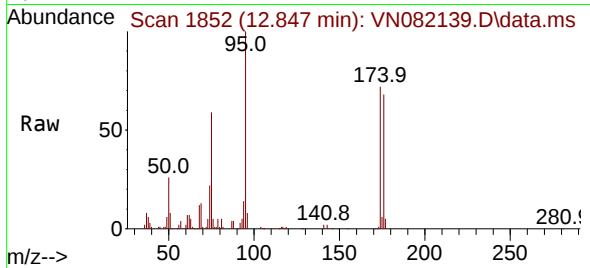
Tgt Ion:107 Resp: 440
Ion Ratio Lower Upper
107 100
109 73.0 75.8 113.6





#62
4-Bromofluorobenzene
Concen: 42.247 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

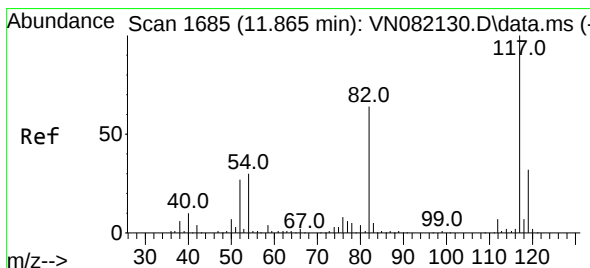
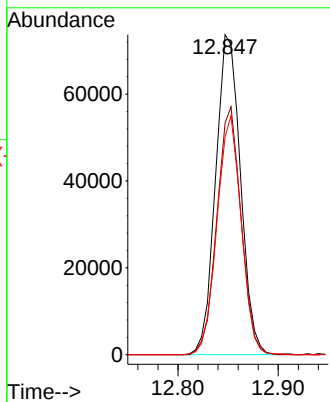
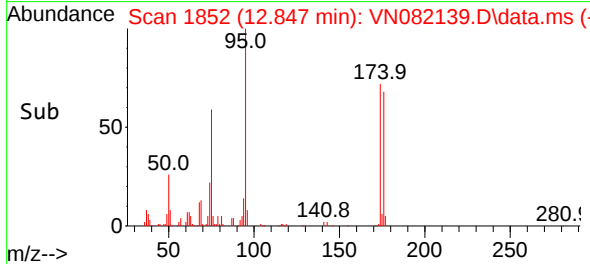
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



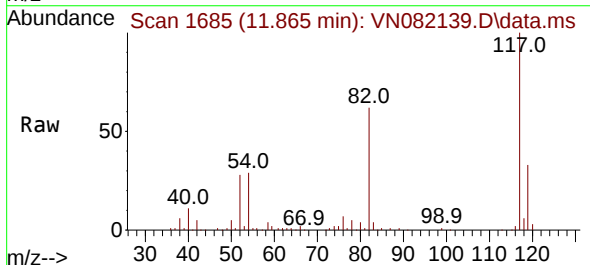
Tgt Ion: 95 Resp: 126918
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 72.8 0.0 152.8

Manual Integrations
APPROVED

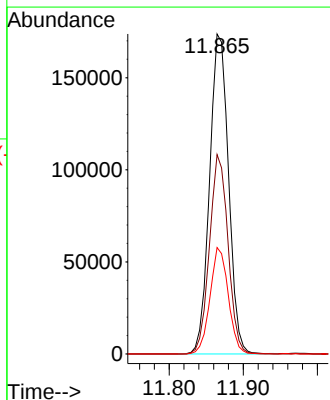
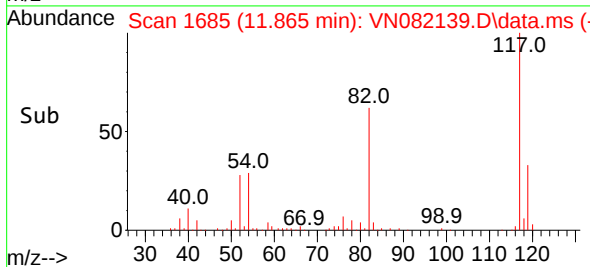
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

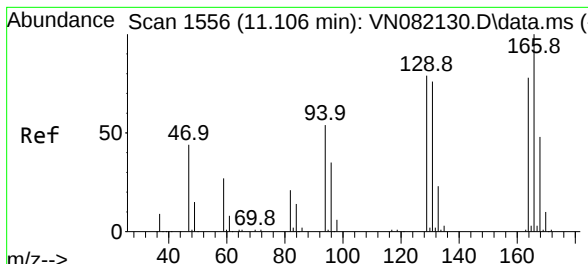


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



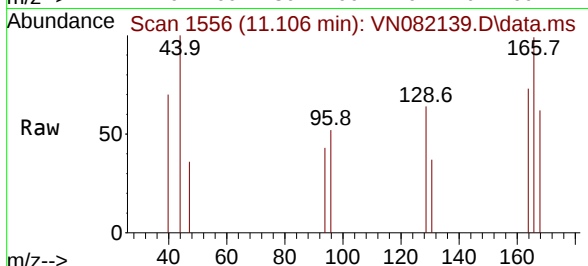
Tgt Ion:117 Resp: 308349
Ion Ratio Lower Upper
117 100
82 62.3 44.6 66.8
119 33.3 25.9 38.9





#64
Tetrachloroethene
Concen: 0.142 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

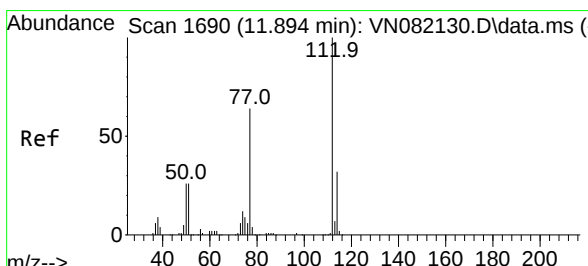
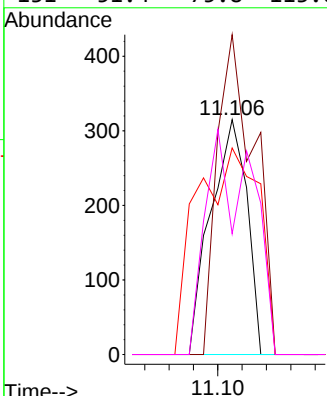
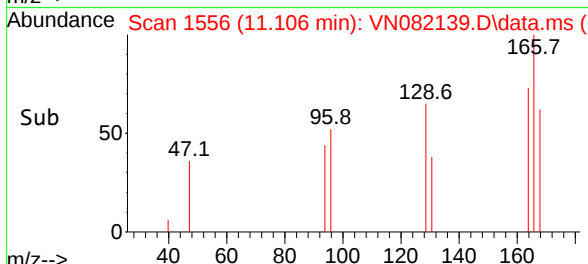


Tgt Ion:164 Resp: 329

Ion	Ratio	Lower	Upper
164	100		
166	136.2	97.6	146.4
129	87.9	73.7	110.5
131	51.4	75.8	113.6#

Manual Integrations
APPROVED

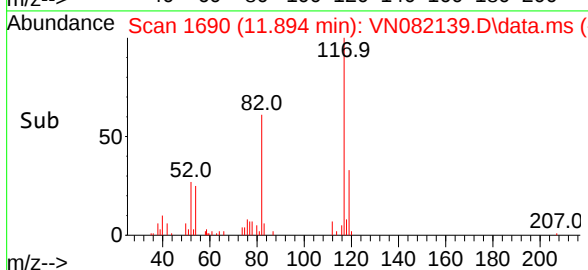
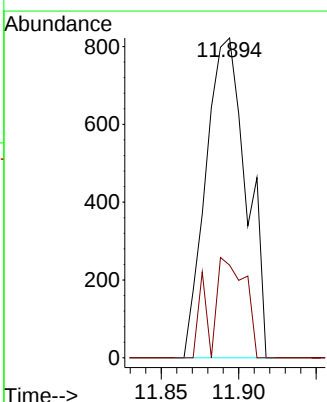
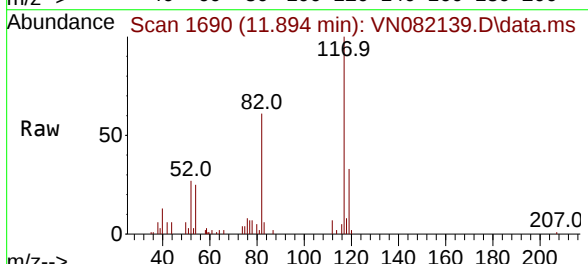
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

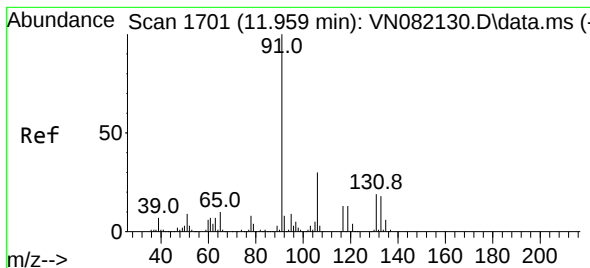


#65
Chlorobenzene
Concen: 0.219 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion:112 Resp: 1494

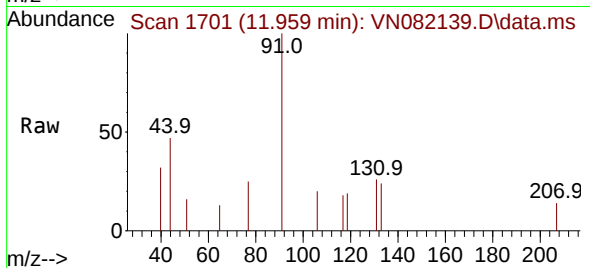
Ion	Ratio	Lower	Upper
112	100		
114	29.0	25.7	38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 0.172 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

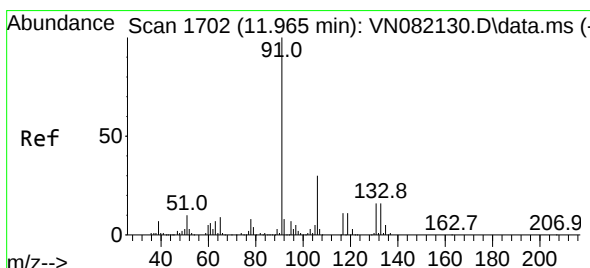
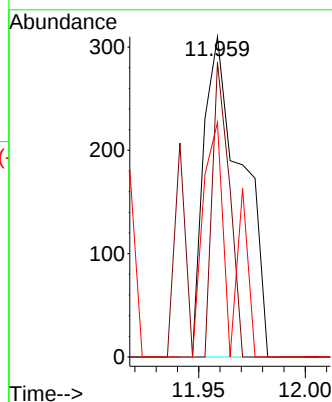
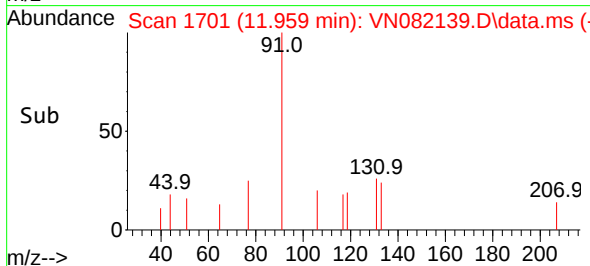
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



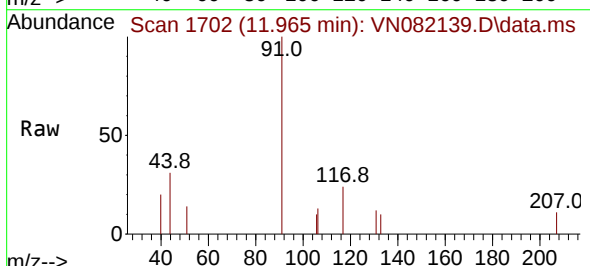
Tgt Ion: 131 Resp: 385
Ion Ratio Lower Upper
131 100
133 41.0 47.5 142.6
119 0.0 32.9 98.7

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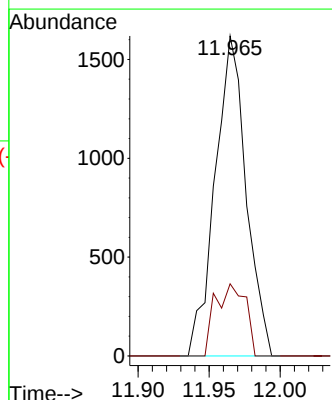
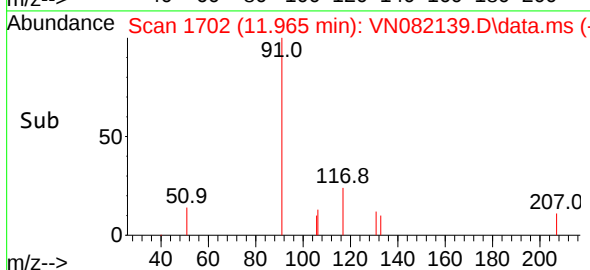
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

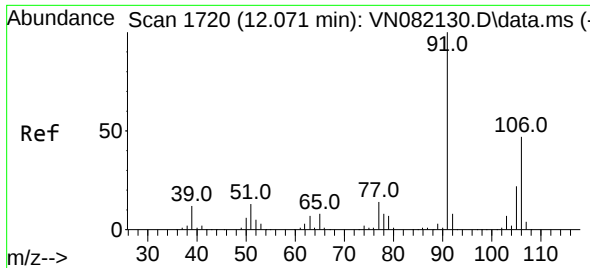


#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



Tgt Ion: 91 Resp: 2463
Ion Ratio Lower Upper
91 100
106 22.5 25.3 37.9





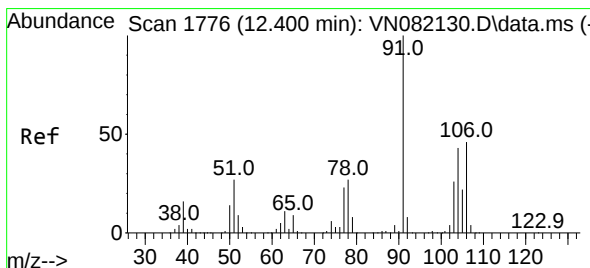
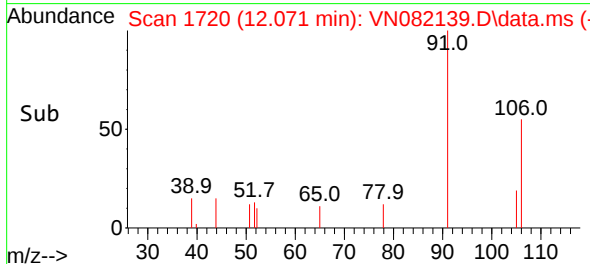
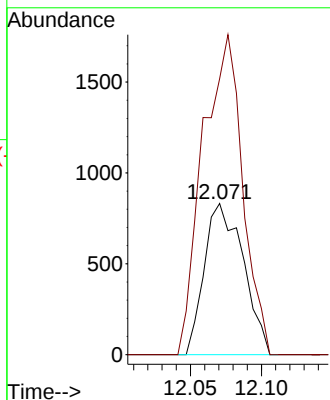
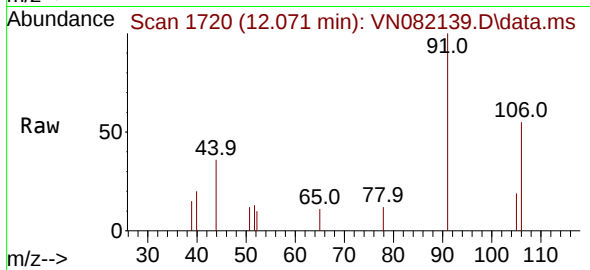
#68
m/p-Xylenes
Concen: 0.355 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion:106 Resp: 158
Ion Ratio Lower Upper
106 100
91 216.8 159.4 239.0

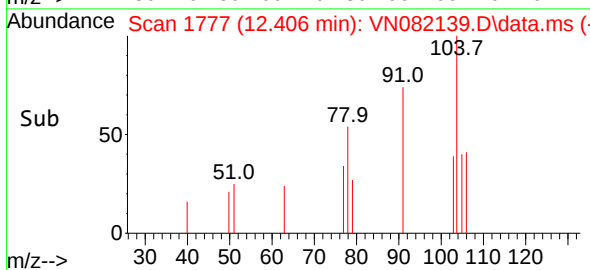
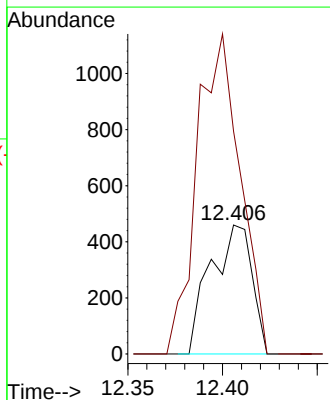
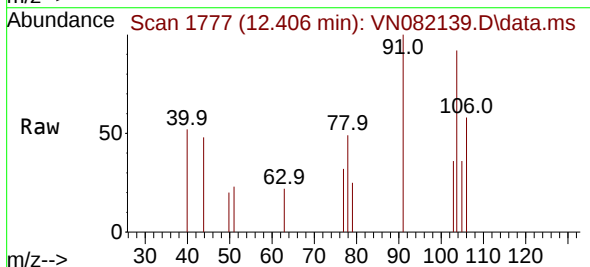
Manual Integrations
APPROVED

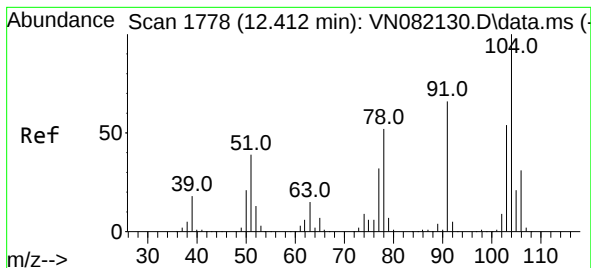
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#69
o-Xylene
Concen: 0.162 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion:106 Resp: 699
Ion Ratio Lower Upper
106 100
91 258.9 104.7 314.1





#70

Styrene

Concen: 0.183 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

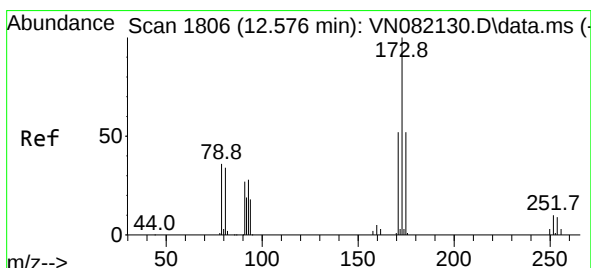
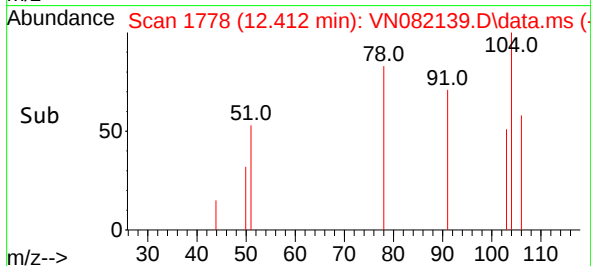
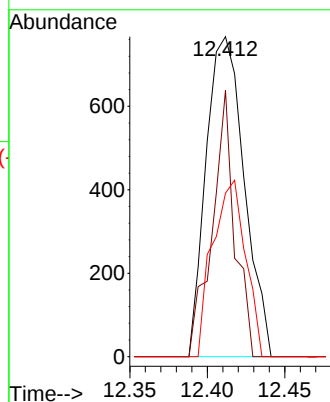
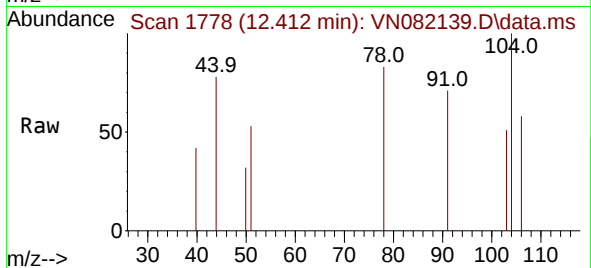
Tgt Ion:	104	Resp:	131
Ion Ratio	Lower	Upper	
104	100		
78	49.1	38.6	58.0
103	47.5	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#71

Bromoform

Concen: 0.238 ug/l

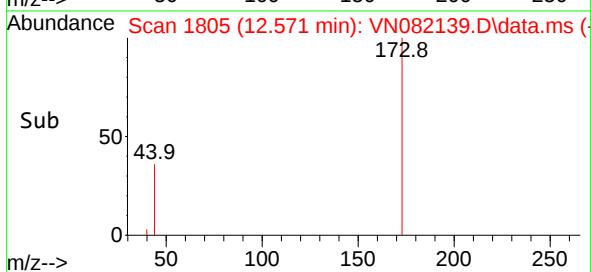
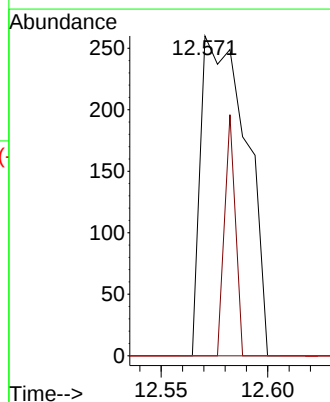
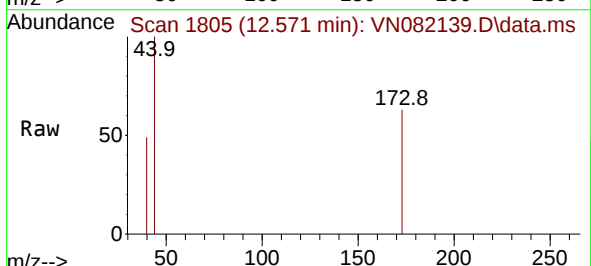
RT: 12.571 min Scan# 1805

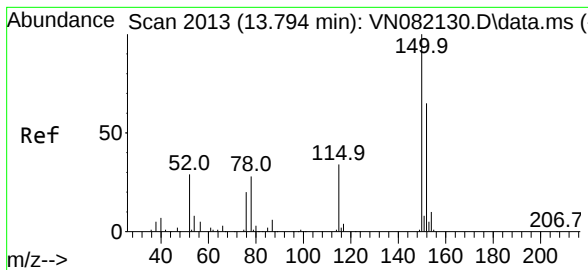
Delta R.T. -0.005 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Tgt Ion:	173	Resp:	384
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0





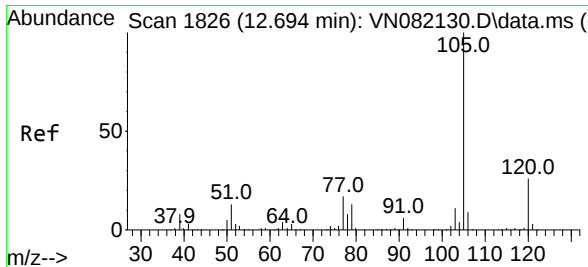
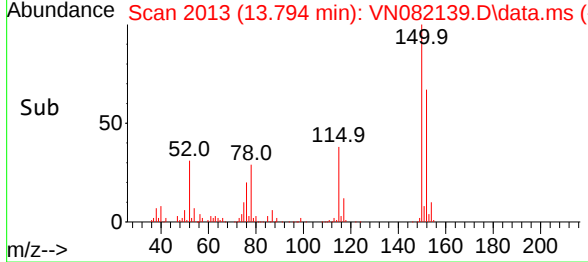
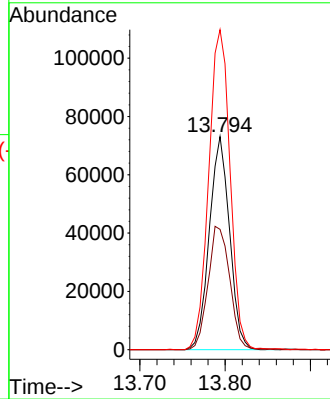
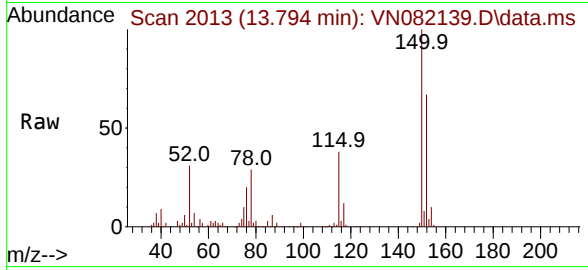
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion:152 Resp: 120628
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 158.4 0.0 353.2

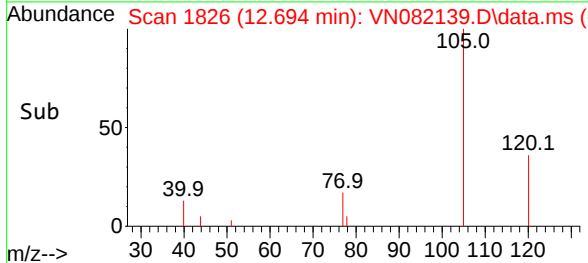
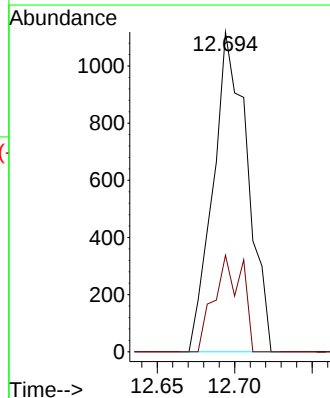
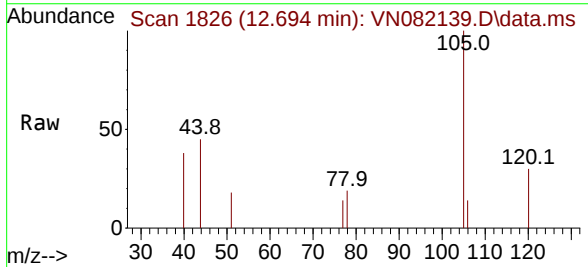
Manual Integrations
APPROVED

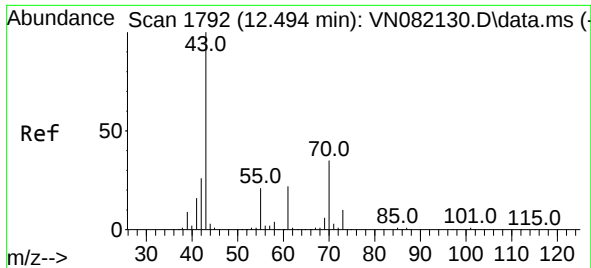
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#73
Isopropylbenzene
Concen: 0.179 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

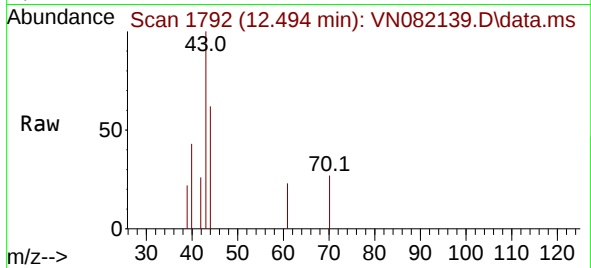
Tgt Ion:105 Resp: 1719
Ion Ratio Lower Upper
105 100
120 24.7 13.4 40.1





#74
N-amy1 acetate
Concen: 0.185 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

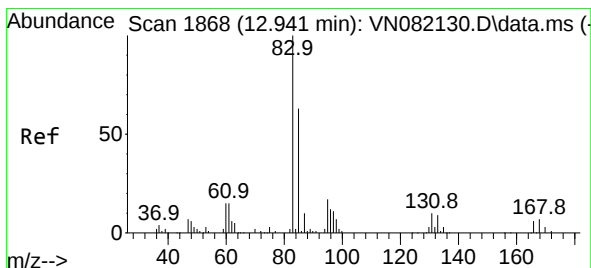
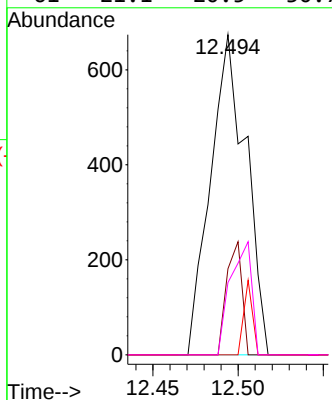
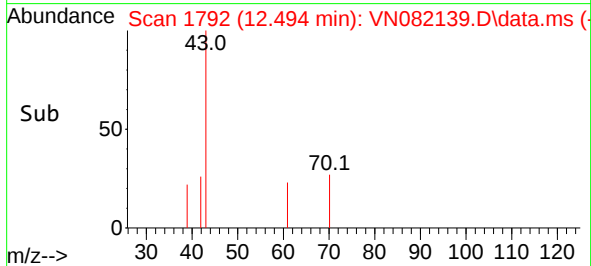
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



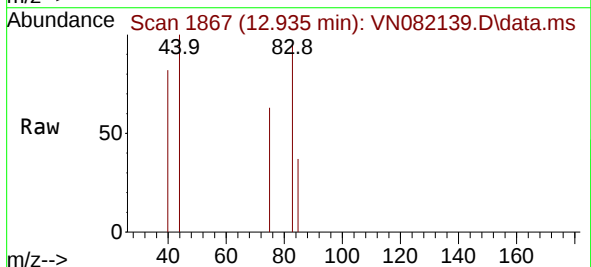
Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
70 15.1 39.0 58.4
55 5.6 21.3 31.9
61 21.1 20.5 30.7

Manual Integrations
APPROVED

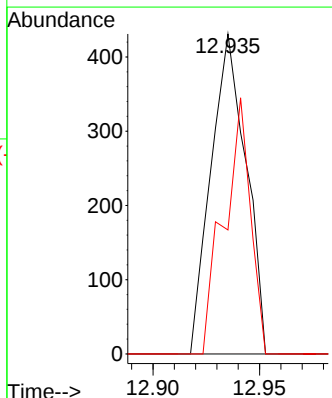
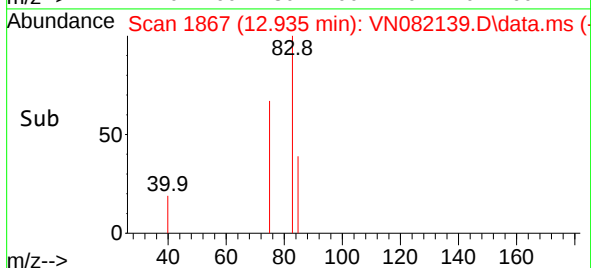
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

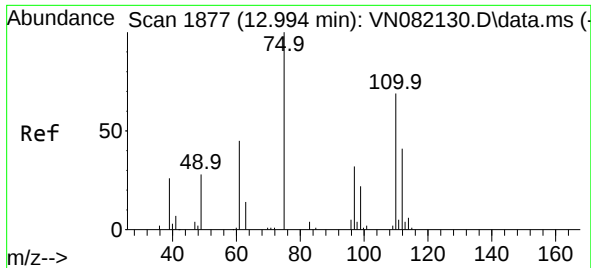


#75
1,1,2,2-Tetrachloroethane
Concen: 0.178 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



Tgt Ion: 83 Resp: 493
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4
85 60.4 32.9 98.6





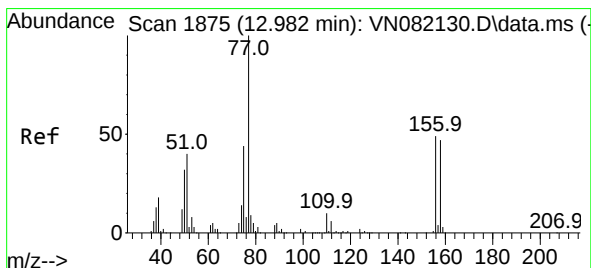
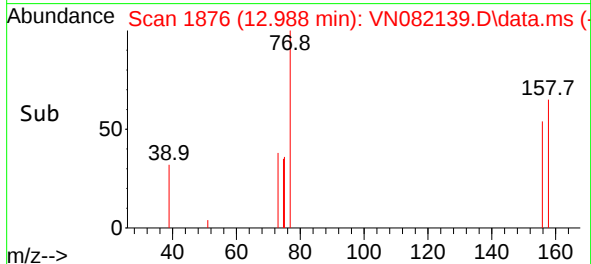
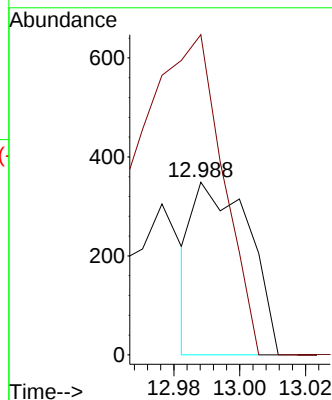
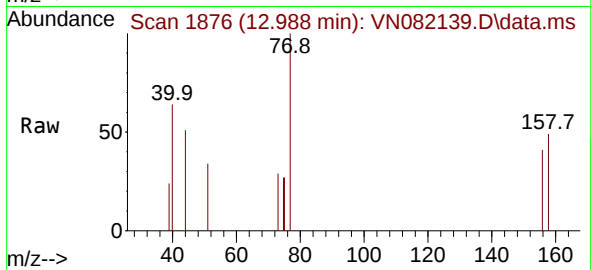
#76
1,2,3-Trichloropropane
Concen: 0.161 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion: 75 Resp: 409
Ion Ratio Lower Upper
75 100
77 211.5 90.5 271.3

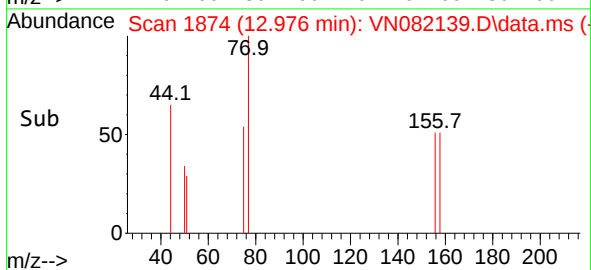
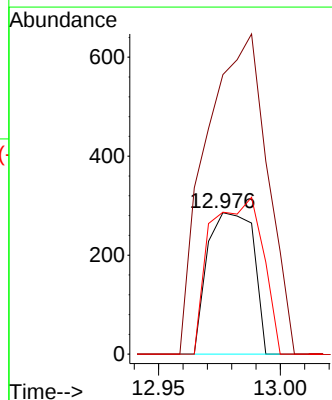
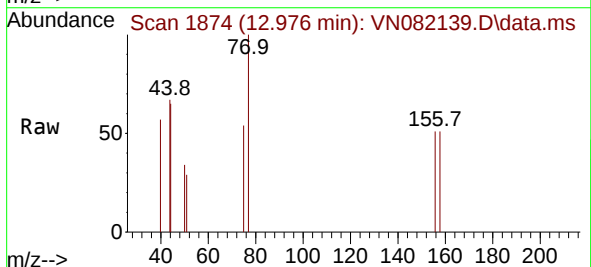
Manual Integrations
APPROVED

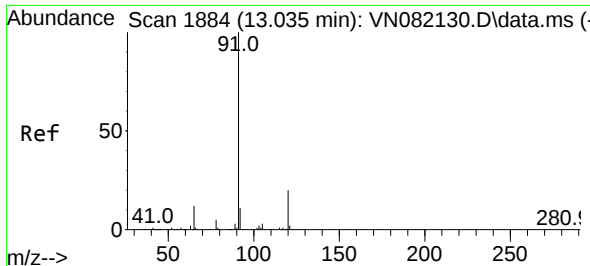
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#77
Bromobenzene
Concen: 0.163 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

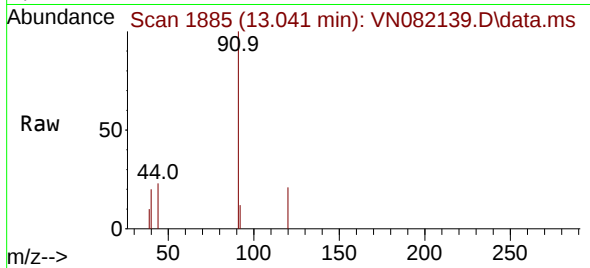
Tgt Ion:156 Resp: 373
Ion Ratio Lower Upper
156 100
77 302.4 100.2 300.6#
158 126.5 49.1 147.3





#78
n-propylbenzene
Concen: 0.212 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

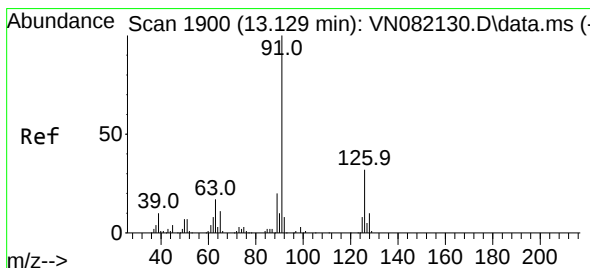
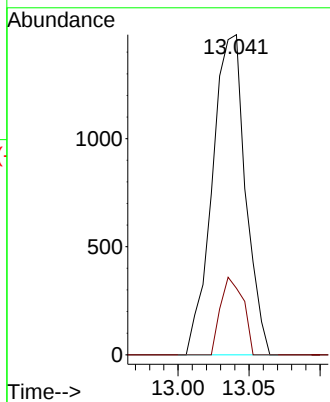
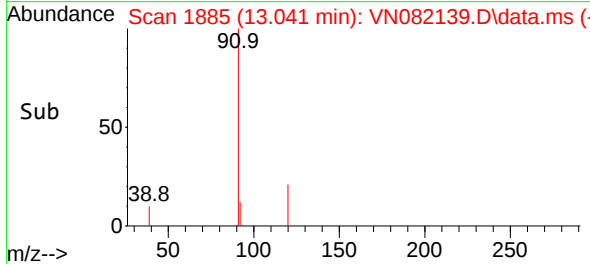
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 91 Resp: 241
Ion Ratio Lower Upper
91 100
120 16.5 11.7 35.0

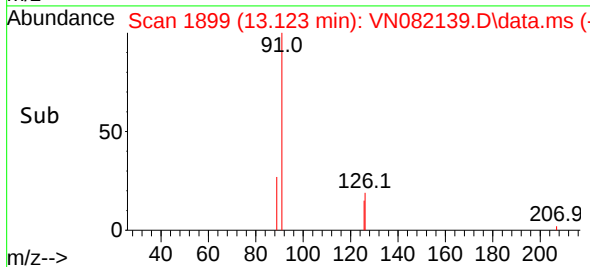
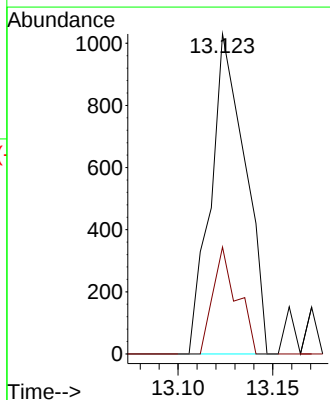
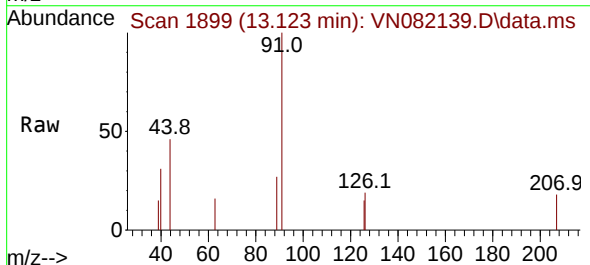
Manual Integrations
APPROVED

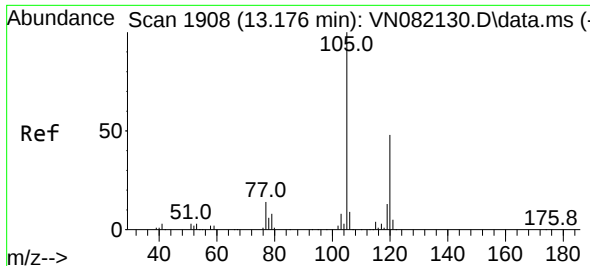
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#79
2-Chlorotoluene
Concen: 0.183 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 91 Resp: 1306
Ion Ratio Lower Upper
91 100
126 23.4 17.5 52.5





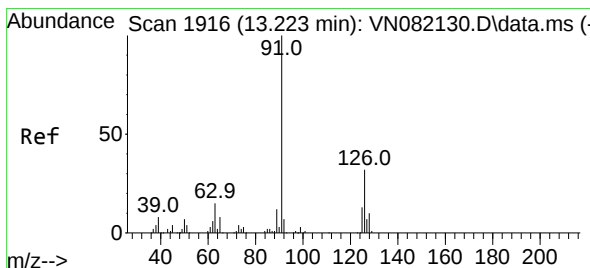
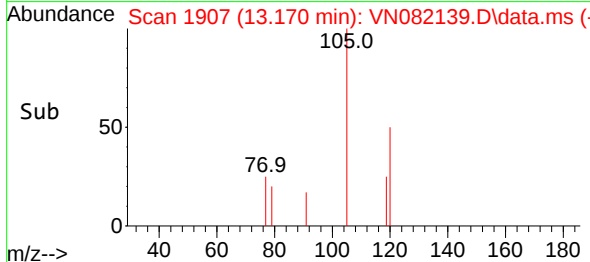
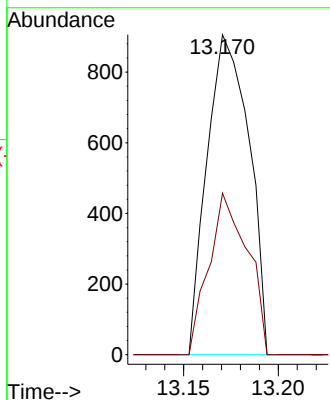
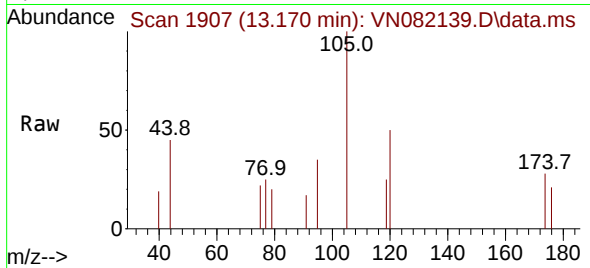
#80
1,3,5-Trimethylbenzene
Concen: 0.180 ug/l
RT: 13.170 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion:105 Resp: 1394
Ion Ratio Lower Upper
105 100
120 46.7 24.8 74.3

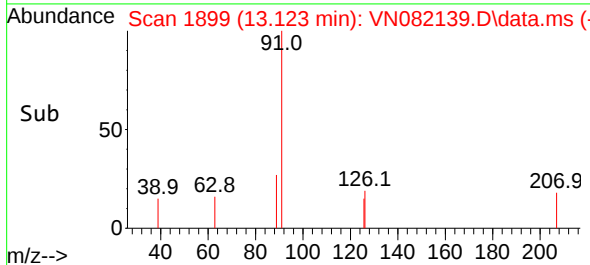
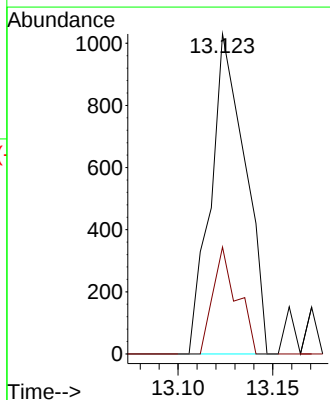
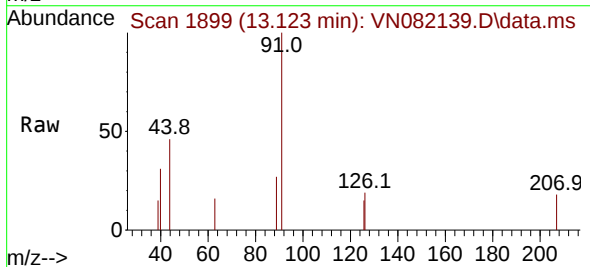
Manual Integrations
APPROVED

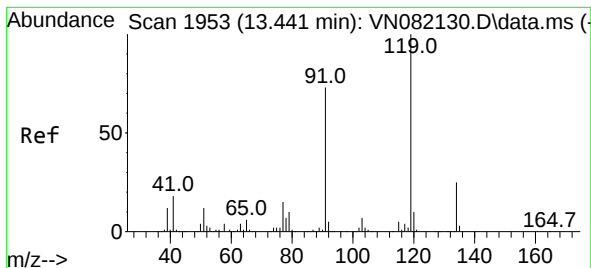
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#82
4-Chlorotoluene
Concen: 0.187 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.100 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

Tgt Ion: 91 Resp: 1306
Ion Ratio Lower Upper
91 100
126 23.4 17.4 52.3





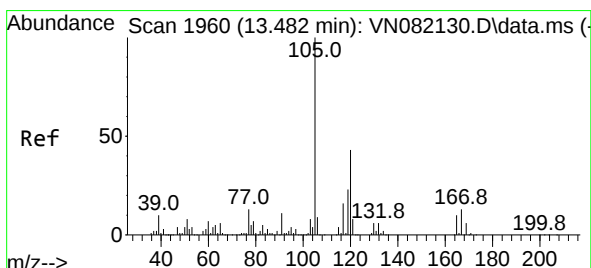
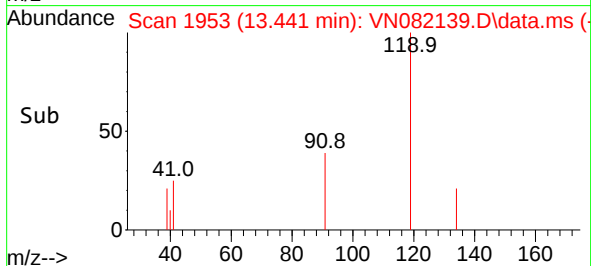
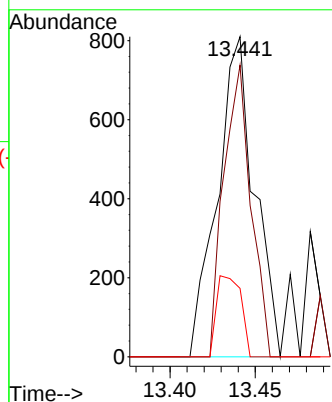
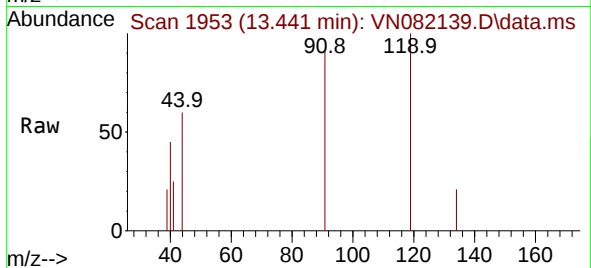
#83
tert-Butylbenzene
Concen: 0.181 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

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

Tgt Ion:119 Resp: 1227
Ion Ratio Lower Upper
119 100
91 66.7 32.6 97.8
134 16.5 12.4 37.0

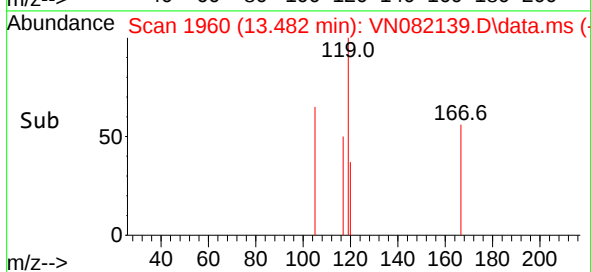
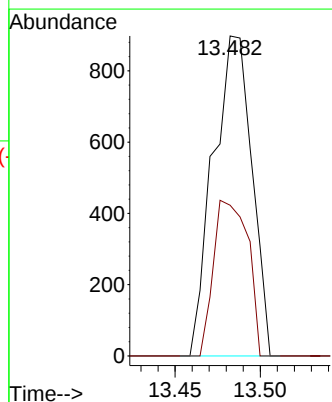
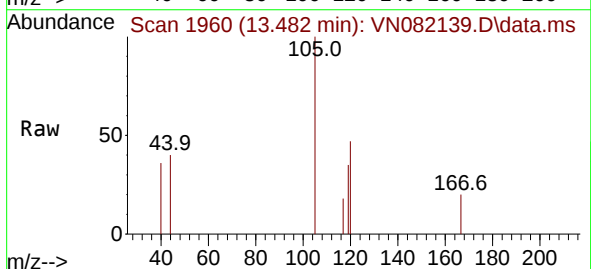
Manual Integrations
APPROVED

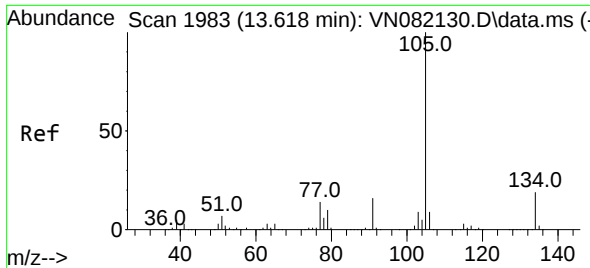
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.179 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

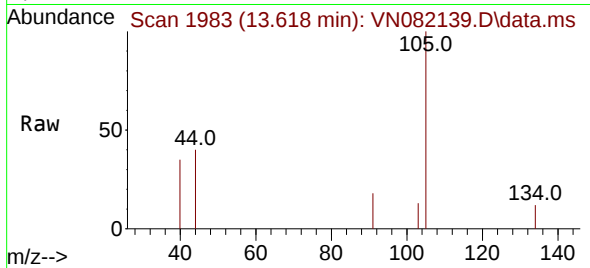
Tgt Ion:105 Resp: 1419
Ion Ratio Lower Upper
105 100
120 43.2 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 0.182 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

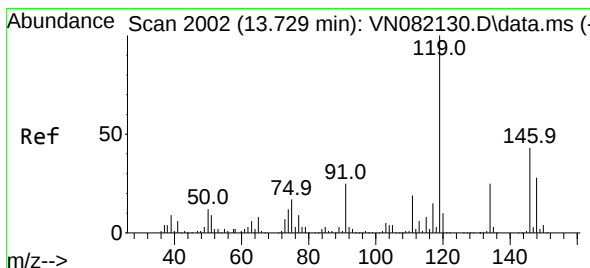
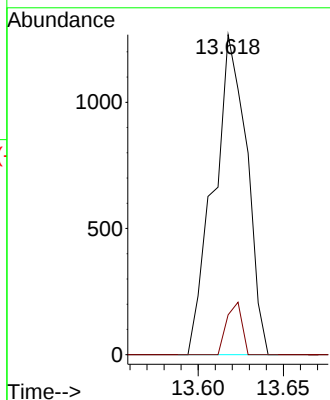
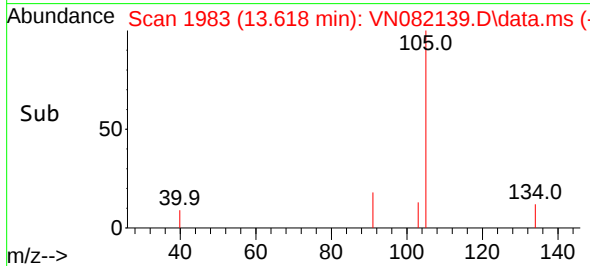
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



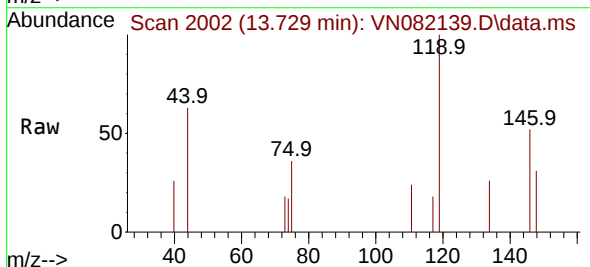
Tgt Ion:105 Resp: 171
 Ion Ratio Lower Upper
 105 100
 134 7.5 10.2 30.4

Manual Integrations
 APPROVED

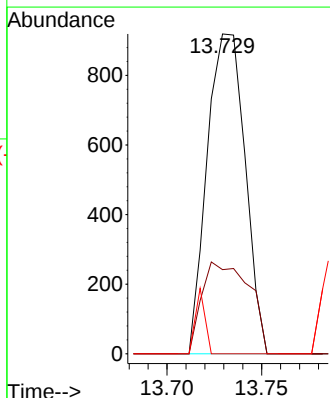
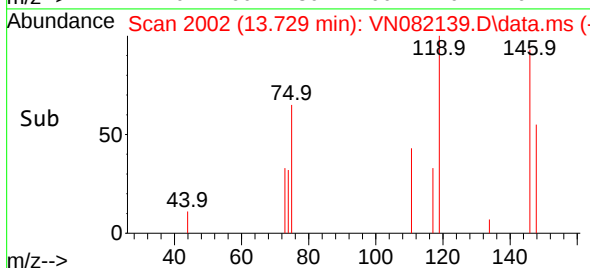
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

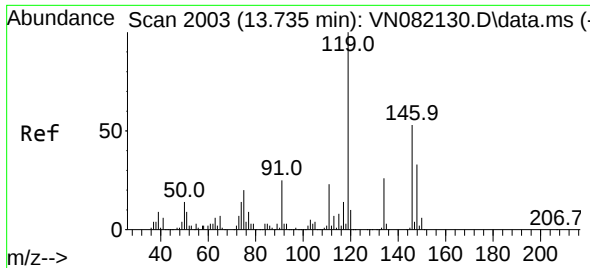


#86
 p-Isopropyltoluene
 Concen: 0.167 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26



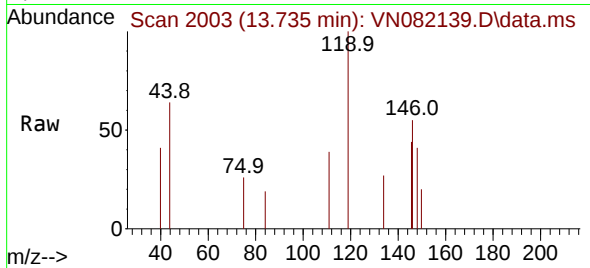
Tgt Ion:119 Resp: 1279
 Ion Ratio Lower Upper
 119 100
 134 35.6 13.2 39.5
 91 5.2 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 0.233 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

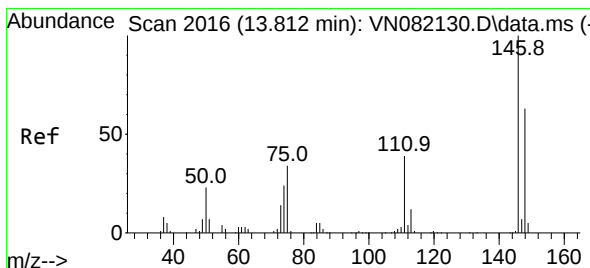
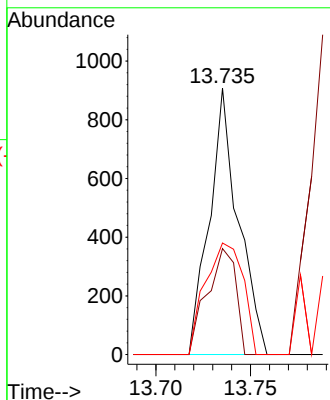
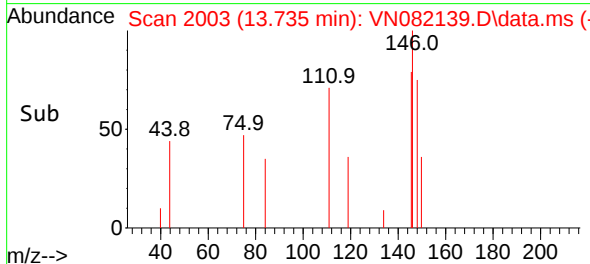
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



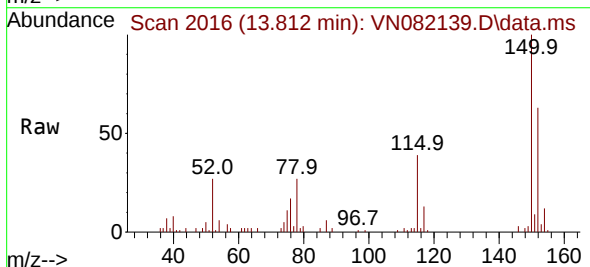
Tgt Ion:146 Resp: 962
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.5
148 54.6 32.1 96.3

Manual Integrations
APPROVED

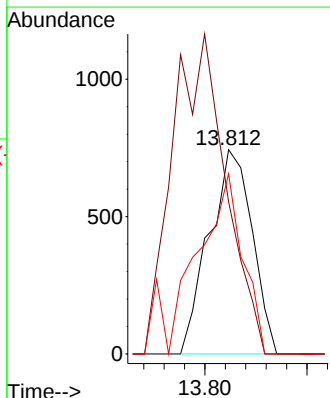
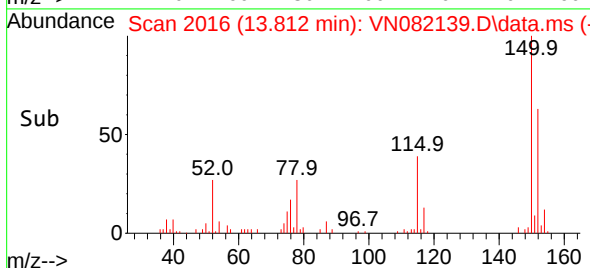
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

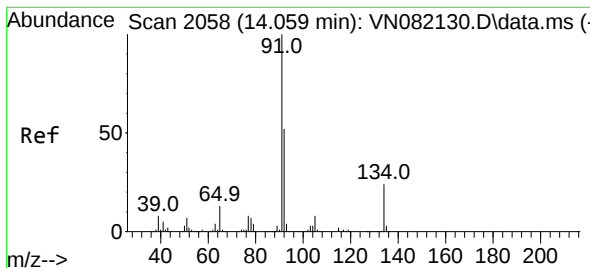


#88
1,4-Dichlorobenzene
Concen: 0.257 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



Tgt Ion:146 Resp: 1086
Ion Ratio Lower Upper
146 100
111 35.0 19.3 57.9
148 48.3 31.3 93.9





#89

n-Butylbenzene

Concen: 0.171 ug/l

RT: 14.065 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

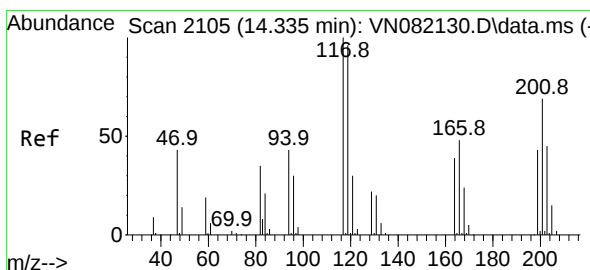
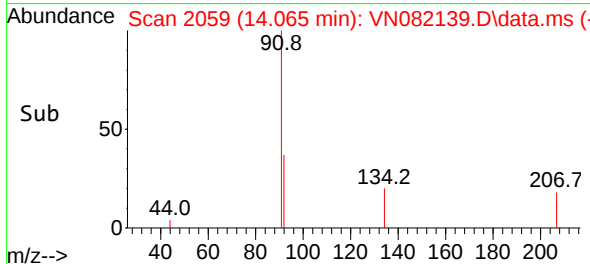
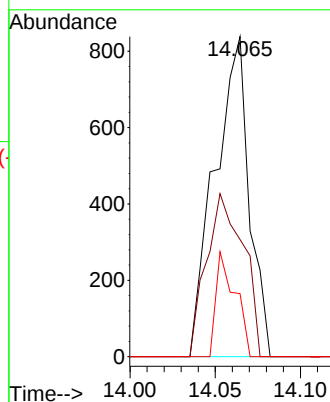
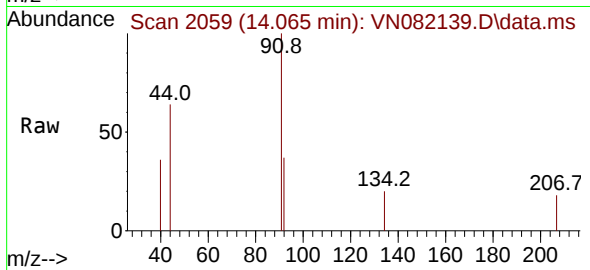
Tgt Ion:	91	Resp:	1170
Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.2	78.5
134	18.3	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#90

Hexachloroethane

Concen: 0.052 ug/l

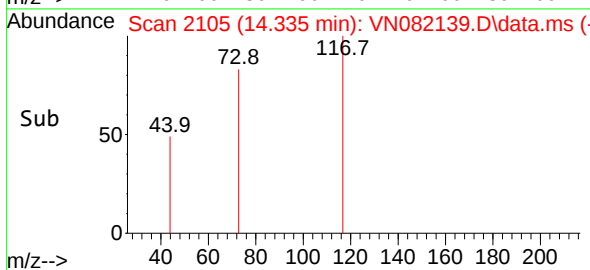
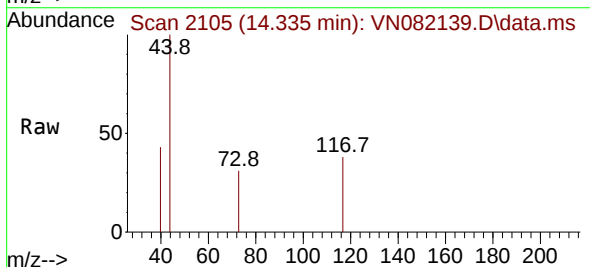
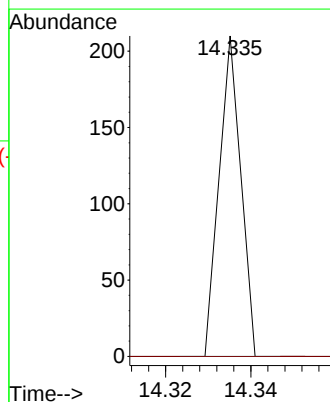
RT: 14.335 min Scan# 2105

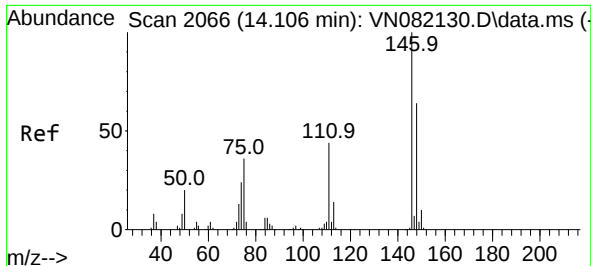
Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Tgt Ion:	117	Resp:	74
Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 0.180 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

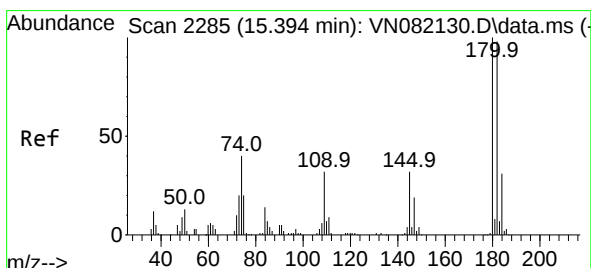
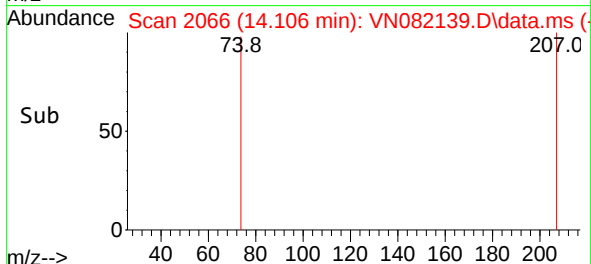
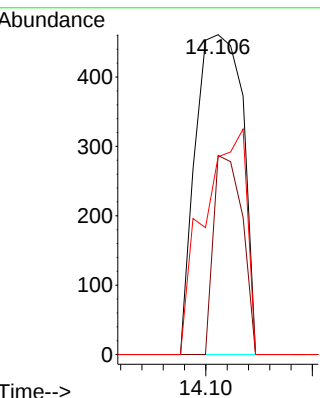
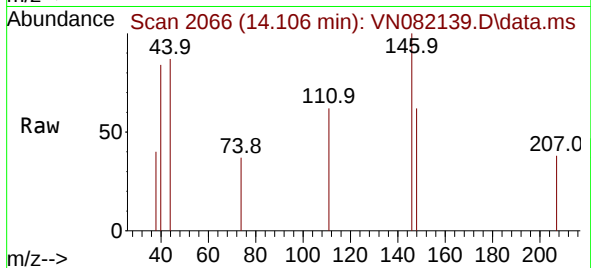
Tgt Ion:	146	Resp:	700
Ion	Ratio	Lower	Upper
146	100		
111	38.1	21.3	64.0
148	64.0	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#93

1,2,4-Trichlorobenzene

Concen: 0.319 ug/l

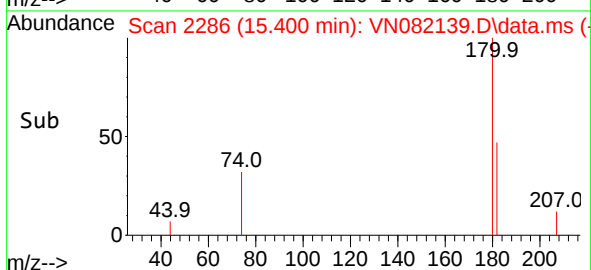
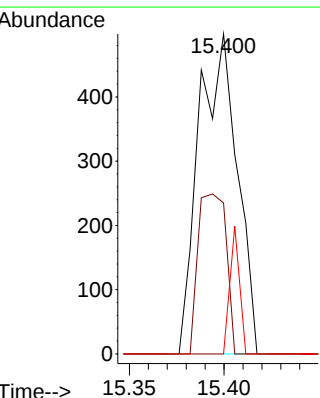
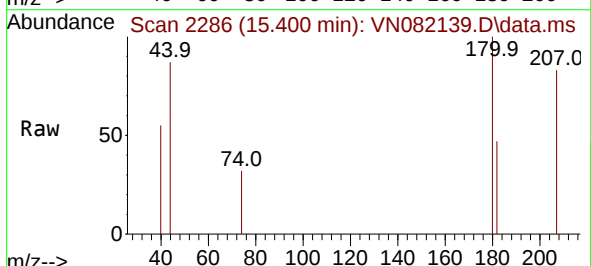
RT: 15.400 min Scan# 2286

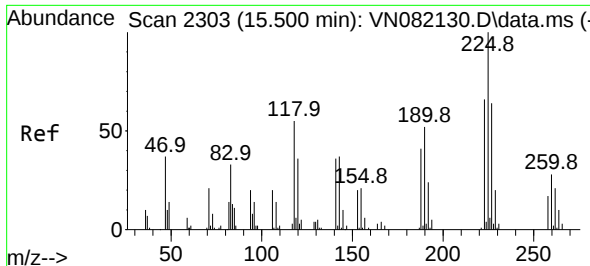
Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

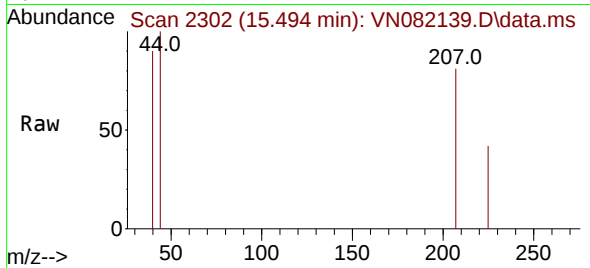
Tgt Ion:	180	Resp:	700
Ion	Ratio	Lower	Upper
180	100		
182	36.7	46.7	140.0#
145	10.0	16.2	48.6#





#94
Hexachlorobutadiene
Concen: 0.078 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26

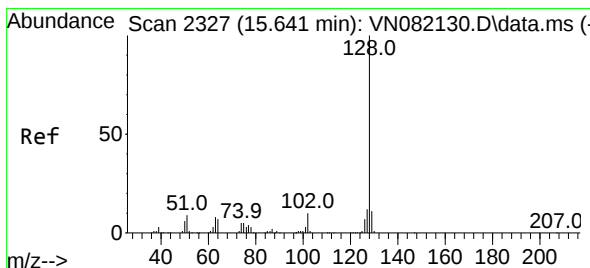
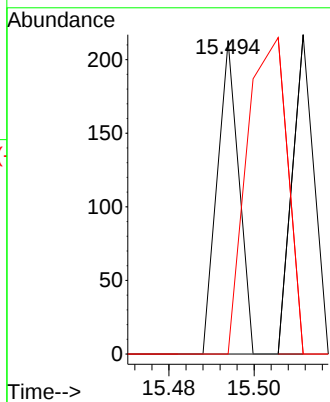
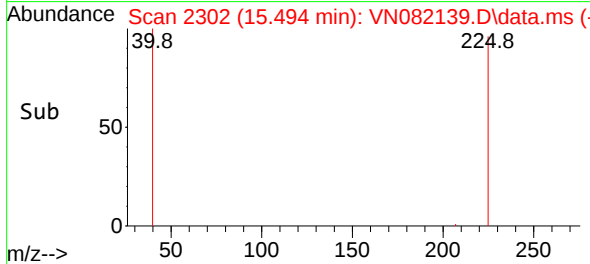
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



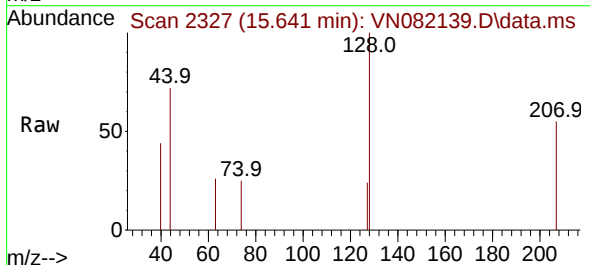
Tgt Ion:225 Resp: 79
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 30.6 91.6#

Manual Integrations
APPROVED

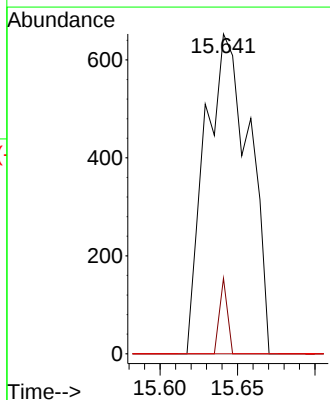
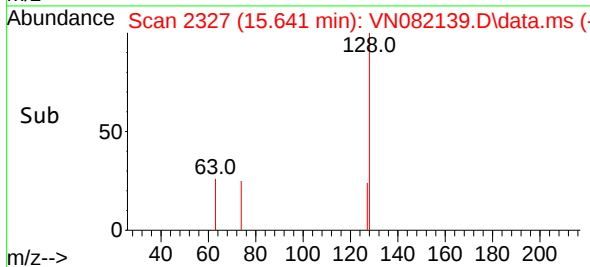
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

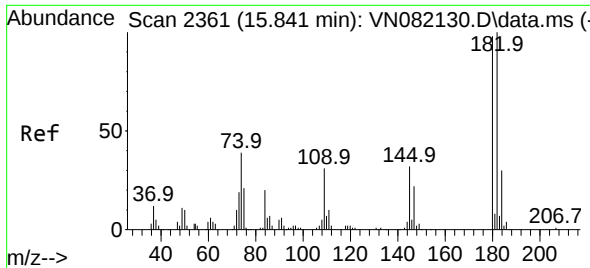


#95
Naphthalene
Concen: 0.188 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082139.D
Acq: 15 May 2024 18:26



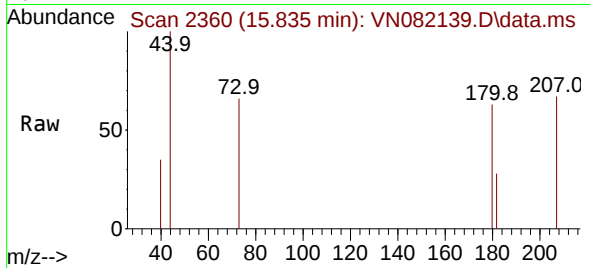
Tgt Ion:128 Resp: 1293
Ion Ratio Lower Upper
128 100
127 4.2 10.1 15.1#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.107 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082139.D
 Acq: 15 May 2024 18:26

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



Tgt Ion:180 Resp: 230
 Ion Ratio Lower Upper
 180 100
 182 111.9 46.0 137.8
 145 0.0 17.1 51.3

Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 05/16/2024

