

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084398.D
 Acq On : 11 Oct 2024 14:16
 Operator : JC\MD
 Sample : P4368-09 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 14 02:54:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:44:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/14/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114712	52.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.220%			
35) Dibromofluoromethane	8.165	113	90136	51.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	10.565	98	305699	47.053	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.100%			
62) 4-Bromofluorobenzene	12.847	95	106516	45.003	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	860	0.494	ug/l	88
3) Chloromethane	2.365	50	1403	0.706	ug/l #	72
4) Vinyl Chloride	2.512	62	959	0.498	ug/l #	44
5) Bromomethane	2.959	94	971	0.765	ug/l #	60
6) Chloroethane	3.118	64	1575m	1.143	ug/l	
7) Trichlorofluoromethane	3.495	101	1424	0.475	ug/l	90
8) Diethyl Ether	3.965	74	282	0.254	ug/l	51
9) 1,1,2-Trichlorotrifluo...	4.365	101	416	0.242	ug/l #	70
10) Methyl Iodide	4.589	142	932	0.422	ug/l #	73
11) Tert butyl alcohol	5.506	59	486	1.352	ug/l #	73
12) 1,1-Dichloroethene	4.353	96	657	0.397	ug/l #	34
13) Acrolein	4.195	56	835	2.023	ug/l #	51
14) Allyl chloride	5.024	41	1005	0.349	ug/l #	62
15) Acrylonitrile	5.730	53	2059	2.268	ug/l #	83
16) Acetone	4.442	43	2526	2.697	ug/l #	79
17) Carbon Disulfide	4.712	76	2597	0.495	ug/l #	75
18) Methyl Acetate	5.018	43	411	0.201	ug/l #	51
19) Methyl tert-butyl Ether	5.794	73	1498	0.268	ug/l #	54
20) Methylene Chloride	5.271	84	828	0.435	ug/l #	59
21) trans-1,2-Dichloroethene	5.800	96	574	0.331	ug/l #	87
22) Diisopropyl ether	6.671	45	2231	0.375	ug/l #	90
23) Vinyl Acetate	6.600	43	8384	1.900	ug/l #	86
24) 1,1-Dichloroethane	6.559	63	1794	0.539	ug/l #	83
25) 2-Butanone	7.494	43	3234	2.535	ug/l #	73
26) 2,2-Dichloropropane	7.494	77	1251	0.417	ug/l #	64
27) cis-1,2-Dichloroethene	7.494	96	1051m	0.501	ug/l	
28) Bromochloromethane	7.812	49	653	0.440	ug/l #	70
29) Tetrahydrofuran	7.853	42	1416	1.798	ug/l	95
30) Chloroform	7.965	83	1700	0.492	ug/l #	78
31) Cyclohexane	8.224	56	4558	1.411	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	1451	0.468	ug/l #	41
36) 1,1-Dichloropropene	8.377	75	1167	0.455	ug/l #	70
37) Ethyl Acetate	7.553	43	940	0.357	ug/l #	69
38) Carbon Tetrachloride	8.365	117	936	0.333	ug/l #	73
39) Methylcyclohexane	9.600	83	1301	0.456	ug/l	92
40) Benzene	8.594	78	3945	0.494	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	516	0.361	ug/l #	41
42) 1,2-Dichloroethane	8.665	62	1594	0.588	ug/l #	75
43) Isopropyl Acetate	8.694	43	3034	0.589	ug/l #	73
44) Trichloroethene	9.347	130	814	0.436	ug/l	86
45) 1,2-Dichloropropane	9.618	63	920	0.487	ug/l #	75
46) Dibromomethane	9.712	93	501	0.393	ug/l #	75
47) Bromodichloromethane	9.882	83	1528	0.539	ug/l #	76
48) Methyl methacrylate	9.682	41	790	0.385	ug/l #	86
49) 1,4-Dioxane	9.700	88	262	6.936	ug/l #	45
51) 4-Methyl-2-Pentanone	10.441	43	4798	1.915	ug/l	97
52) Toluene	10.624	92	2083	0.427	ug/l #	75
53) t-1,3-Dichloropropene	10.824	75	1226	0.424	ug/l	90
54) cis-1,3-Dichloropropene	10.306	75	1184	0.381	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	927	0.531	ug/l #	85
56) Ethyl methacrylate	10.876	69	1047	0.364	ug/l	99
57) 1,3-Dichloropropane	11.165	76	1625	0.521	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	2543	1.907	ug/l	96
59) 2-Hexanone	11.194	43	3516	1.878	ug/l	96
60) Dibromochloromethane	11.359	129	797	0.386	ug/l	96
61) 1,2-Dibromoethane	11.471	107	780	0.430	ug/l	95
64) Tetrachloroethene	11.100	164	779	0.480	ug/l #	70
65) Chlorobenzene	11.894	112	2319	0.449	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.959	131	940	0.529	ug/l #	32
67) Ethyl Benzene	11.965	91	3785	0.415	ug/l	96
68) m/p-Xylenes	12.076	106	2768	0.820	ug/l	98
69) o-Xylene	12.394	106	1248	0.391	ug/l	91
70) Styrene	12.412	104	1615	0.298	ug/l #	88
71) Bromoform	12.582	173	626	0.478	ug/l #	87
73) Isopropylbenzene	12.694	105	2675	0.360	ug/l	97
74) N-amyl acetate	12.488	43	1215	0.362	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.935	83	1267	0.568	ug/l #	81
76) 1,2,3-Trichloropropane	12.994	75	1551m	0.781	ug/l	
77) Bromobenzene	12.982	156	849	0.474	ug/l	87
78) n-propylbenzene	13.029	91	3657	0.425	ug/l	96
79) 2-Chlorotoluene	13.129	91	2489	0.454	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	2282	0.377	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.735	75	146m	0.176	ug/l	
82) 4-Chlorotoluene	13.223	91	2513	0.455	ug/l	98
83) tert-Butylbenzene	13.435	119	1777	0.330	ug/l	78
84) 1,2,4-Trimethylbenzene	13.476	105	2052	0.336	ug/l	98
85) sec-Butylbenzene	13.612	105	2471	0.344	ug/l	95
86) p-Isopropyltoluene	13.723	119	1898	0.320	ug/l	87
87) 1,3-Dichlorobenzene	13.729	146	1291	0.384	ug/l	92
88) 1,4-Dichlorobenzene	13.812	146	1763m	0.520	ug/l	
89) n-Butylbenzene	14.053	91	2012	0.374	ug/l	88
90) Hexachloroethane	14.335	117	345	0.286	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	1636	0.497	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61	0.132	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.394	180	476	0.293	ug/l #	72
94) Hexachlorobutadiene	15.494	225	178	0.220	ug/l #	42
95) Naphthalene	15.647	128	1790	0.333	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	519	0.320	ug/l #	70

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ClientSampleId :
MDL-WATER-03-QT4-2024

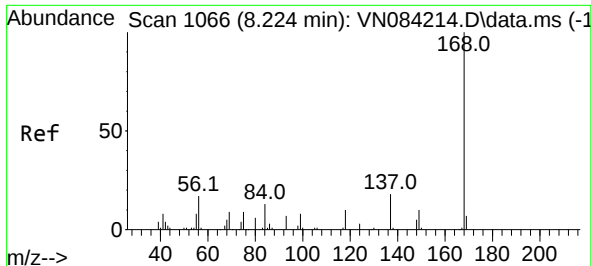
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 02:44:47 2024
Response via : Initial Calibration

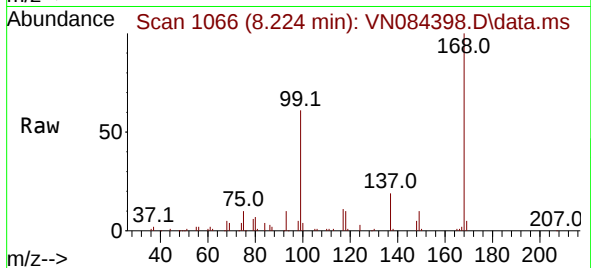
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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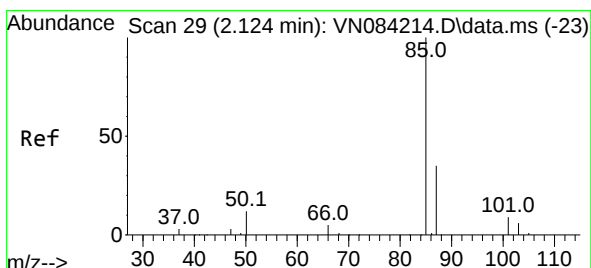
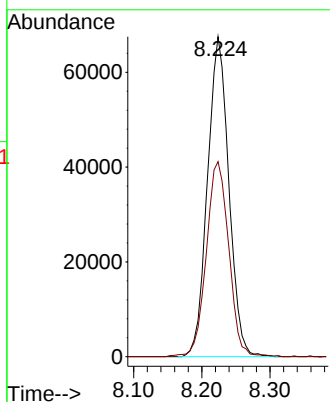
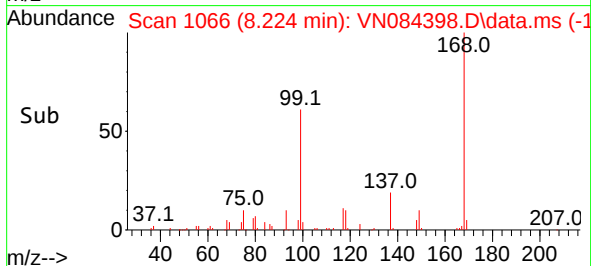
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



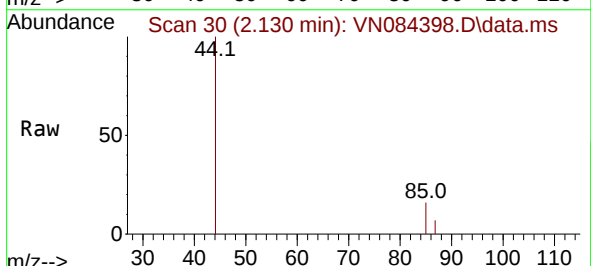
Tgt Ion:168 Resp: 147060
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2

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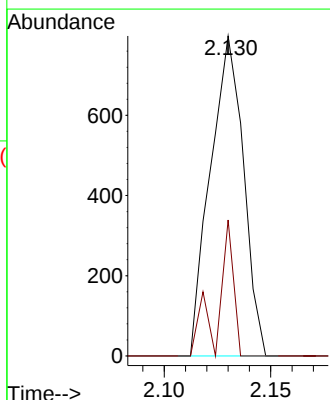
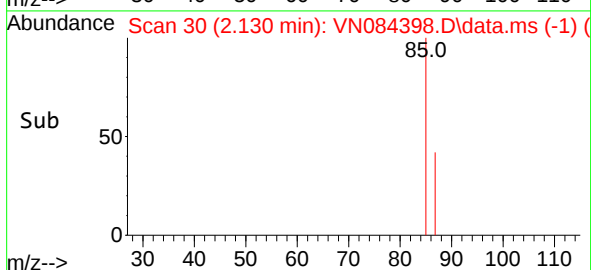
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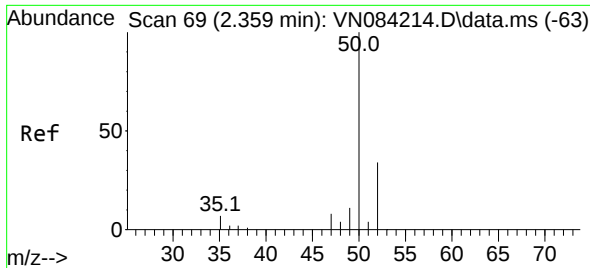


#2
Dichlorodifluoromethane
Concen: 0.494 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion: 85 Resp: 860
Ion Ratio Lower Upper
85 100
87 42.5 17.6 52.9





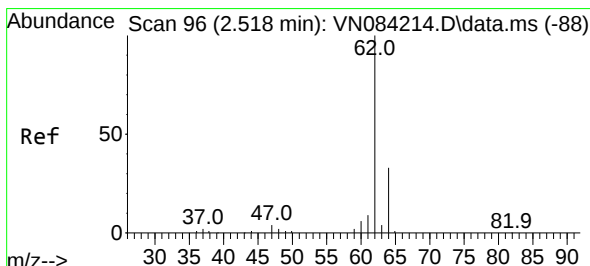
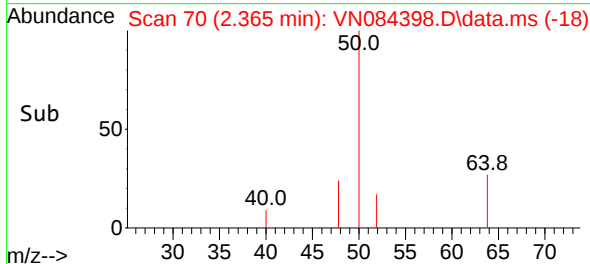
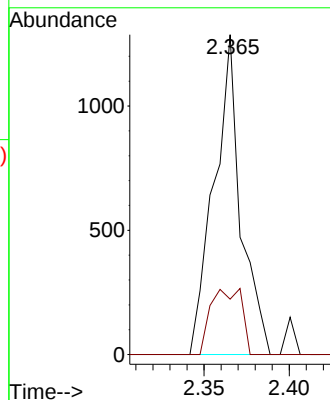
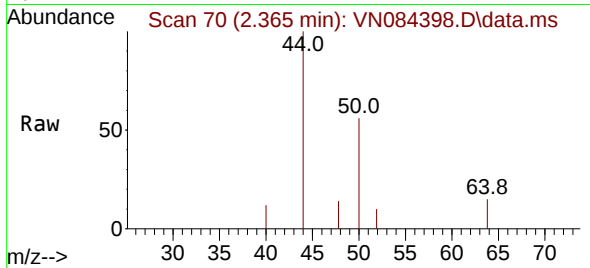
#3
Chloromethane
Concen: 0.706 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument :
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Tgt Ion: 50 Resp: 140
Ion Ratio Lower Upper
50 100
52 17.3 26.8 40.2

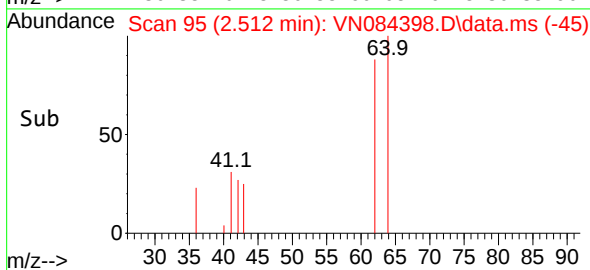
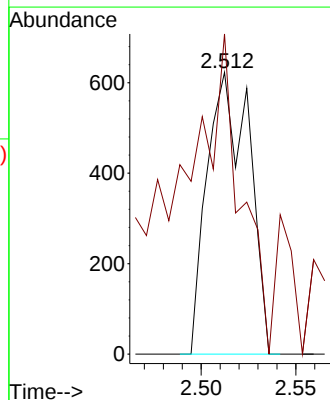
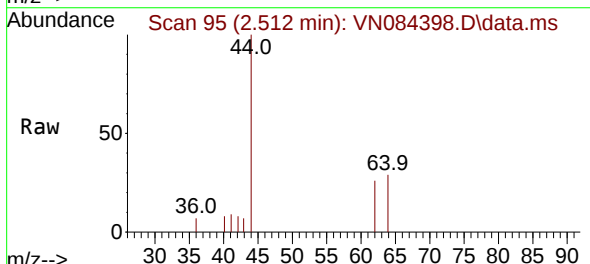
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#4
Vinyl Chloride
Concen: 0.498 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

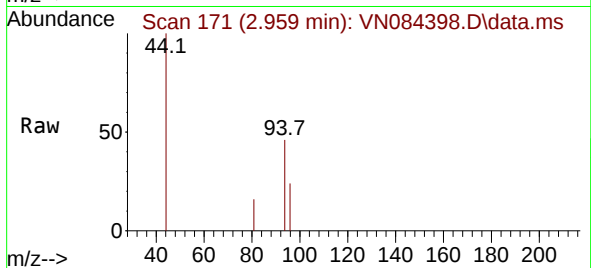
Tgt Ion: 62 Resp: 959
Ion Ratio Lower Upper
62 100
64 64.2 26.2 39.4





#5
Bromomethane
Concen: 0.765 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

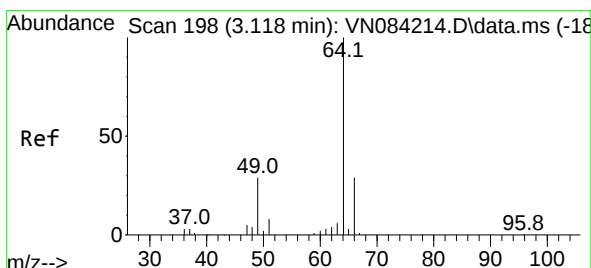
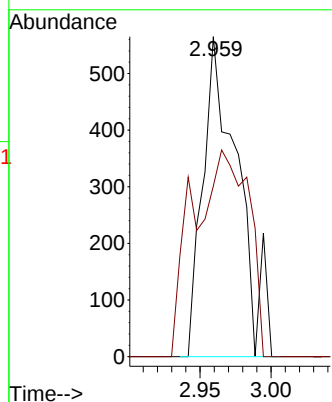
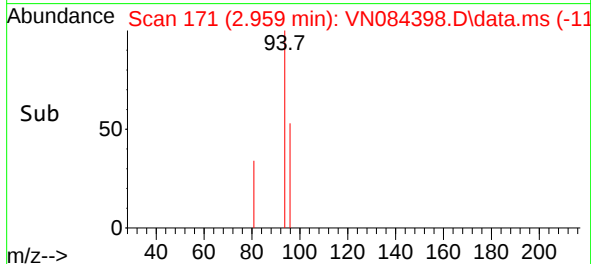
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 53.3 72.9 109.3

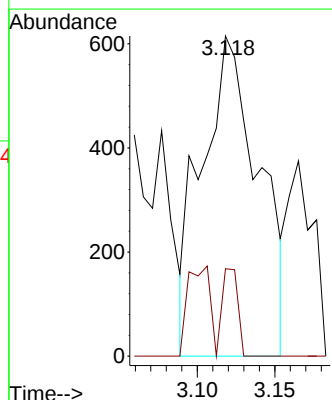
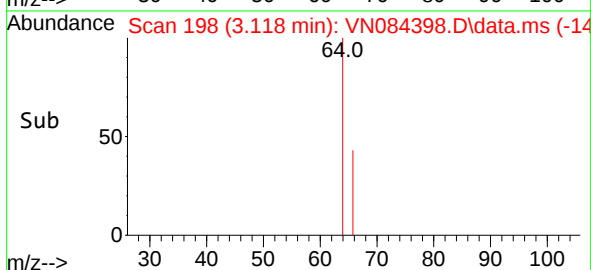
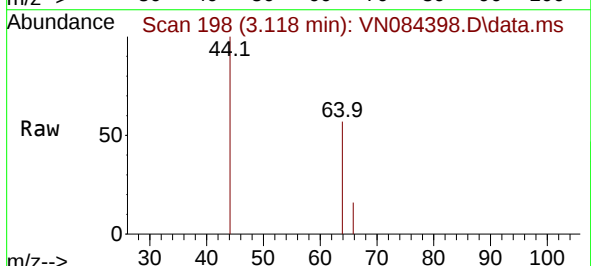
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#6
Chloroethane
Concen: 1.143 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

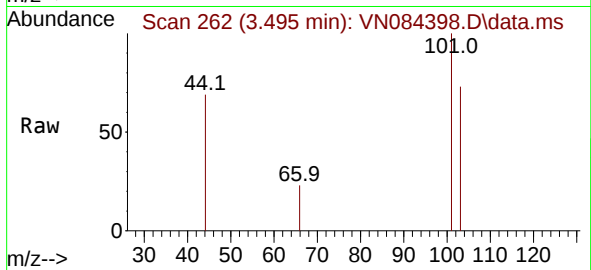
Tgt Ion: 64 Resp: 1575
Ion Ratio Lower Upper
64 100
66 27.3 23.5 35.3





#7
Trichlorofluoromethane
Concen: 0.475 ug/l
RT: 3.495 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN084398.D
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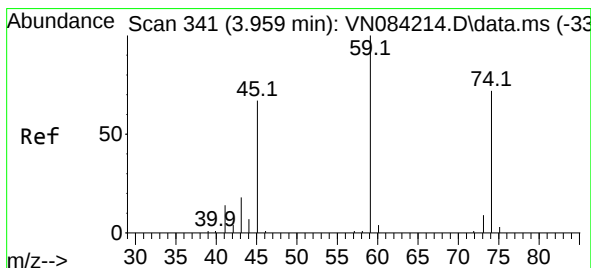
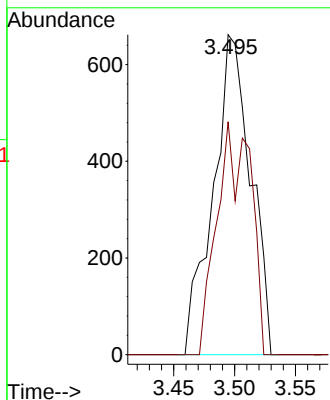
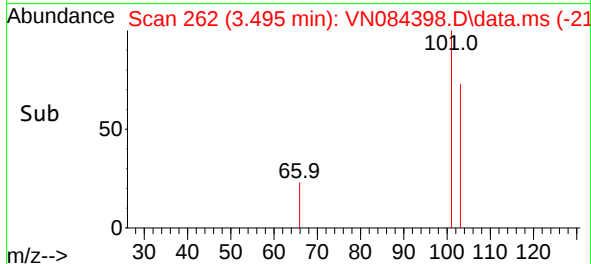
Instrument :
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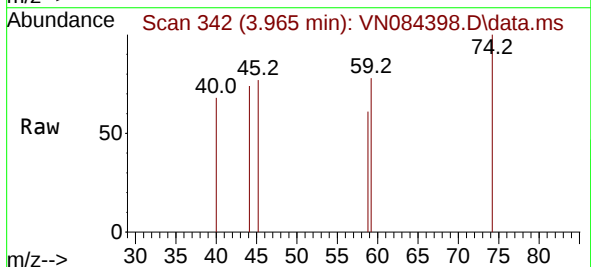
Tgt Ion:101 Resp: 1424
Ion Ratio Lower Upper
101 100
103 72.8 51.8 77.6

Manual Integrations
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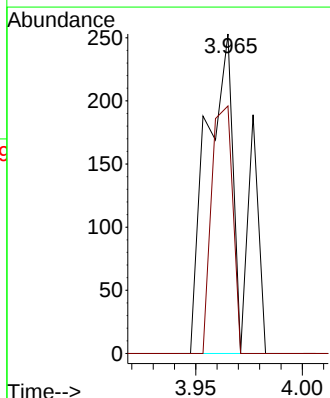
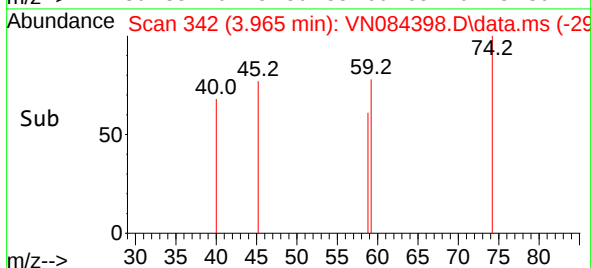
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#8
Diethyl Ether
Concen: 0.254 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion: 74 Resp: 282
Ion Ratio Lower Upper
74 100
45 47.9 47.7 143.1





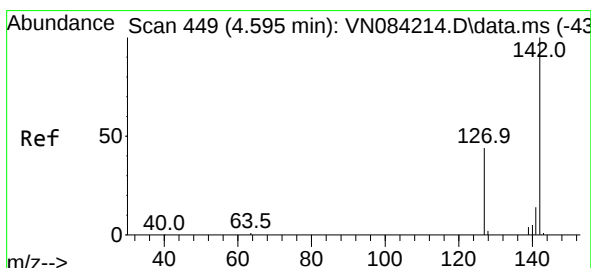
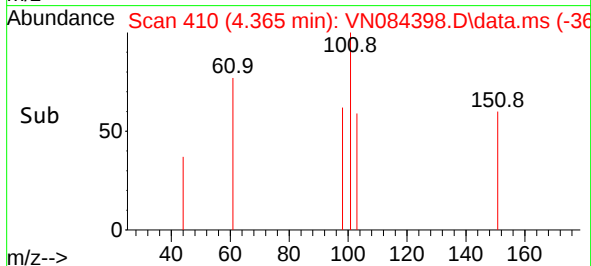
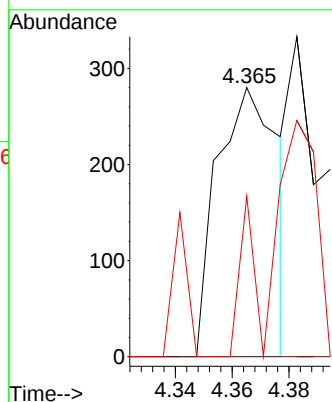
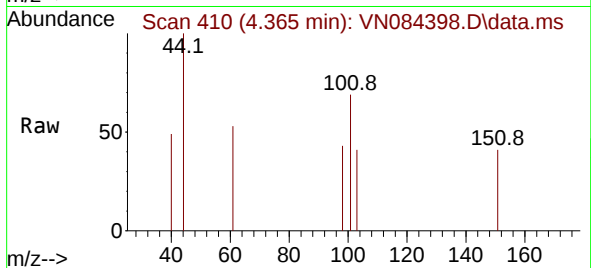
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.242 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument :
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Tgt Ion:101 Resp: 410
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 68.3 59.3 88.9

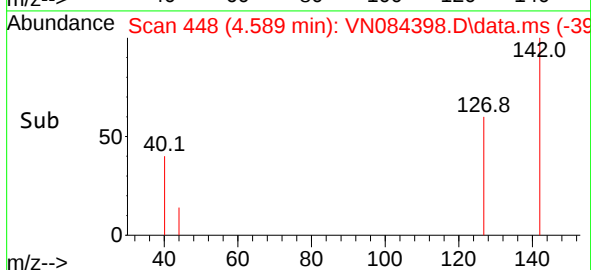
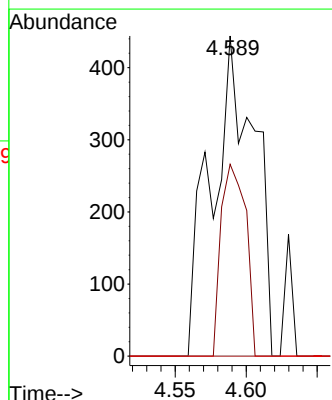
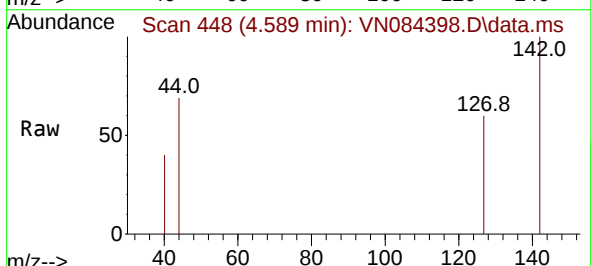
Manual Integrations
APPROVED

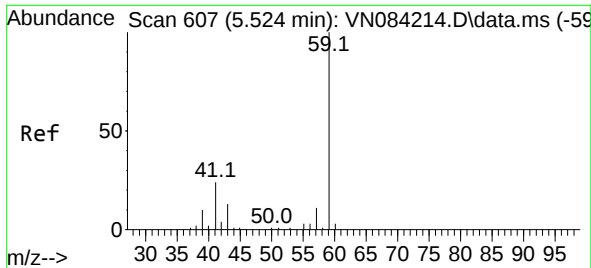
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 0.422 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion:142 Resp: 932
Ion Ratio Lower Upper
142 100
127 59.9 35.3 52.9#
141 0.0 11.0 16.6#





#11

Tert butyl alcohol

Concen: 1.352 ug/l

RT: 5.506 min Scan# 607

Delta R.T. -0.018 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 59 Resp: 480

Ion Ratio Lower Upper

59 100

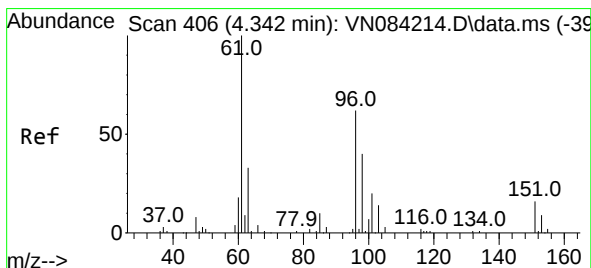
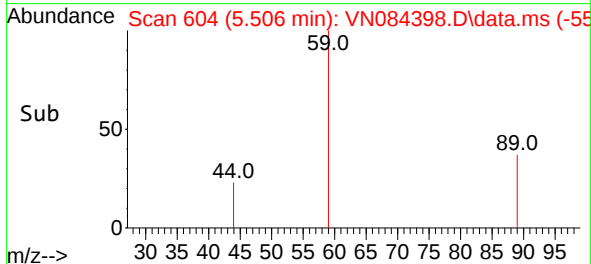
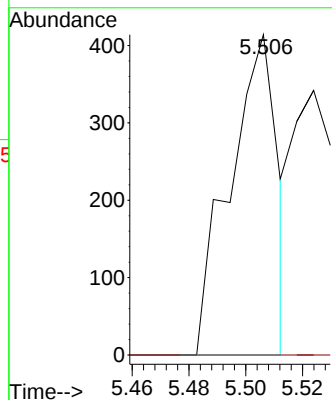
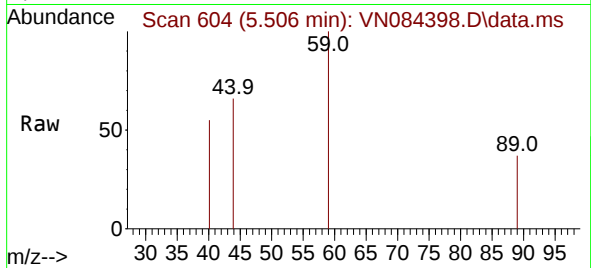
57 0.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#12

1,1-Dichloroethene

Concen: 0.397 ug/l

RT: 4.353 min Scan# 408

Delta R.T. 0.012 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

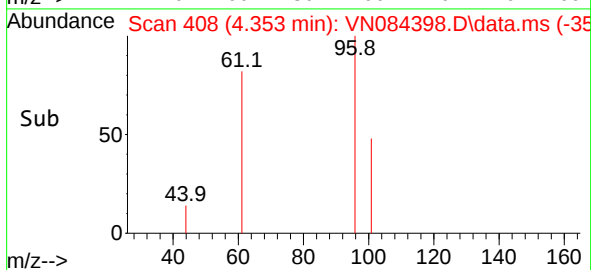
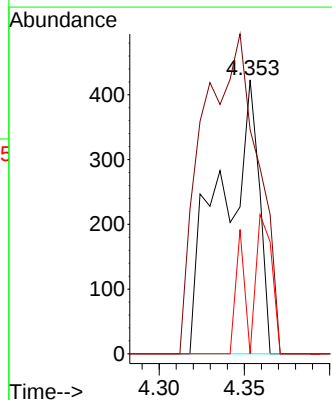
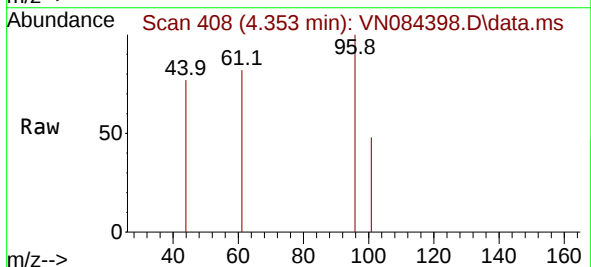
Tgt Ion: 96 Resp: 657

Ion Ratio Lower Upper

96 100

61 81.8 128.6 192.8#

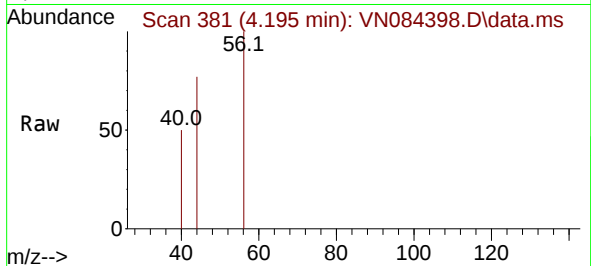
98 0.0 51.7 77.5#





#13
Acrolein
Concen: 2.023 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

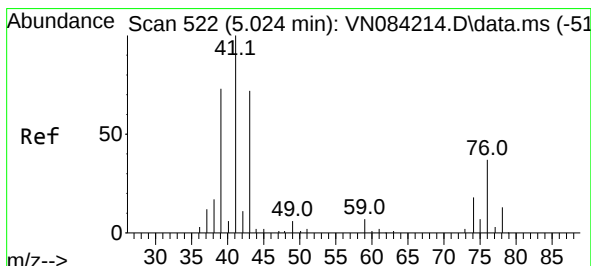
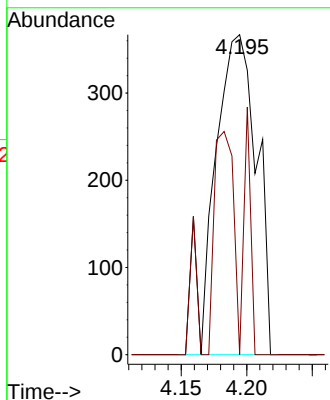
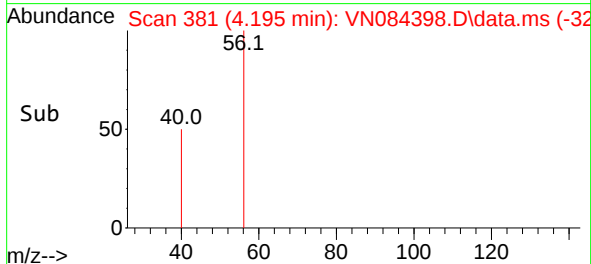
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 56 Resp: 839
Ion Ratio Lower Upper
56 100
55 30.9 57.2 85.8

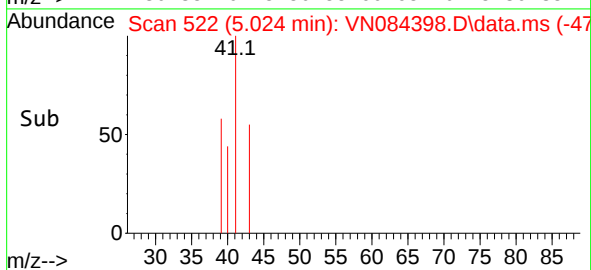
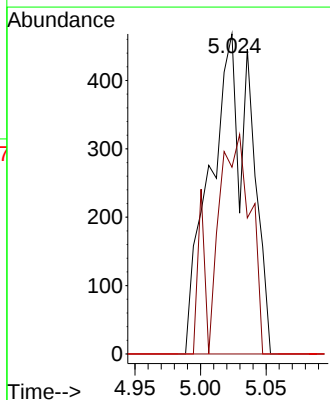
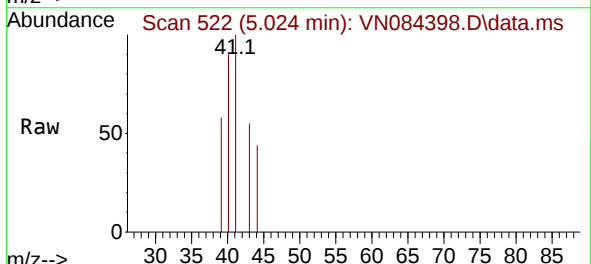
Manual Integrations
APPROVED

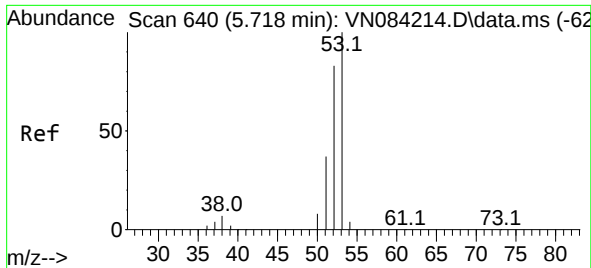
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#14
Allyl chloride
Concen: 0.349 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

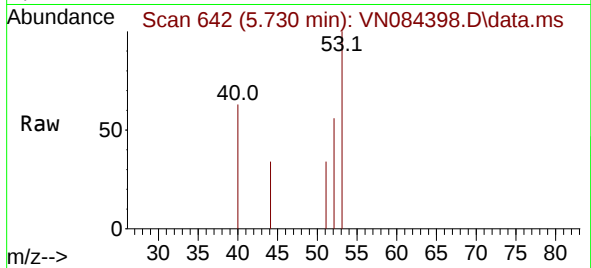
Tgt Ion: 41 Resp: 1005
Ion Ratio Lower Upper
41 100
39 52.1 59.0 88.6#
76 0.0 29.8 44.6#





#15
Acrylonitrile
Concen: 2.268 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

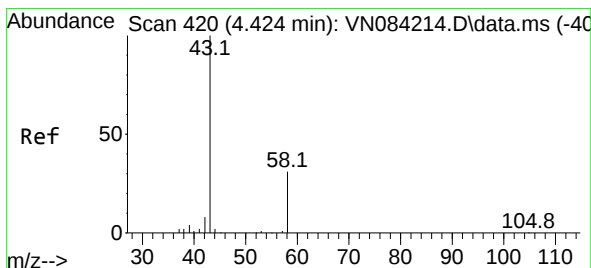
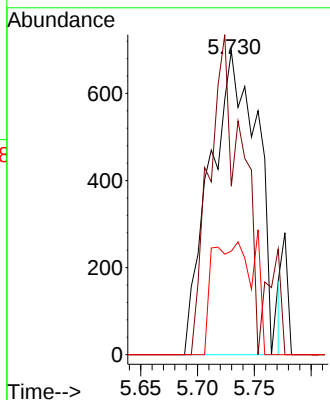
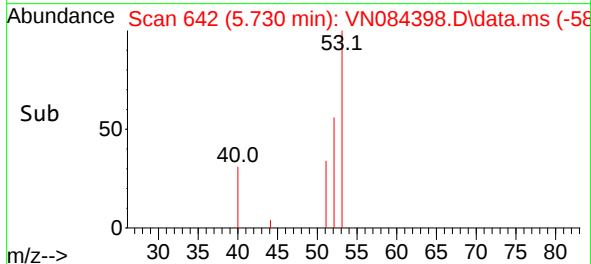
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 53 Resp: 2059
Ion Ratio Lower Upper
53 100
52 76.5 66.2 99.4
51 12.4 28.8 43.2

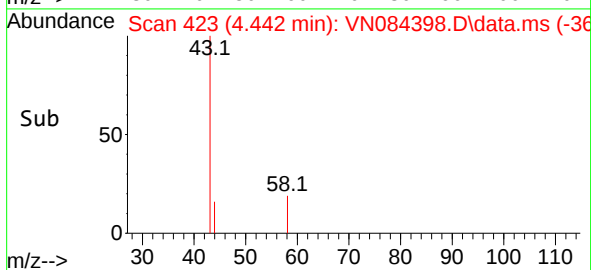
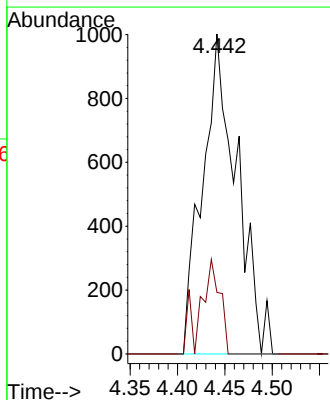
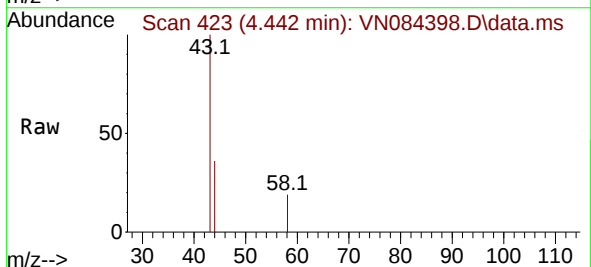
Manual Integrations
APPROVED

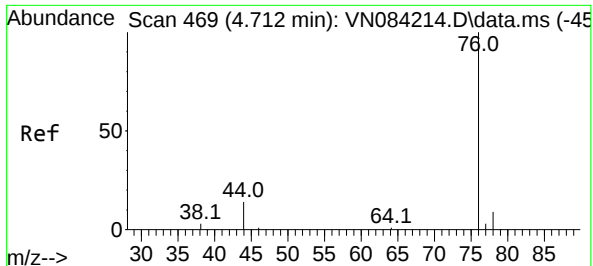
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 2.697 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

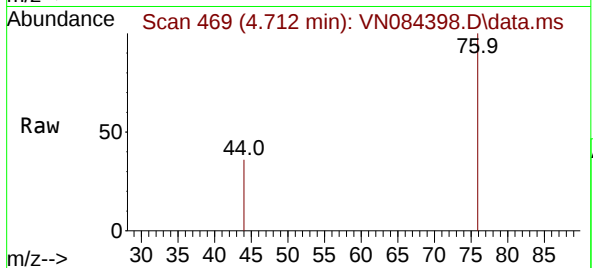
Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
58 19.3 24.4 36.6





#17
Carbon Disulfide
Concen: 0.495 ug/l
RT: 4.712 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

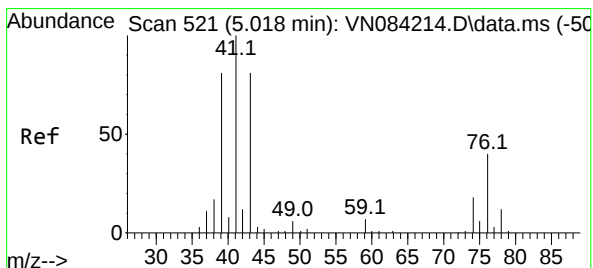
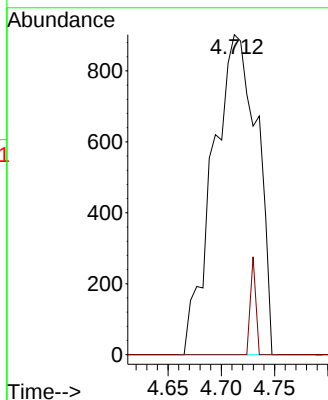
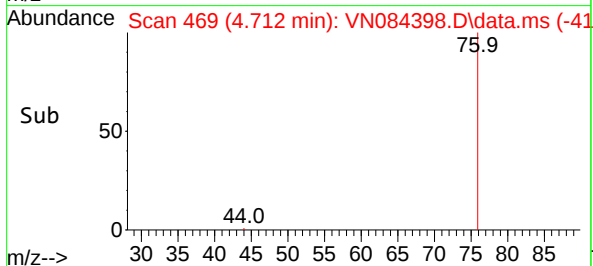
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 259
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9

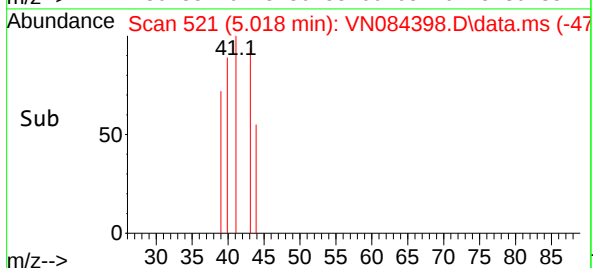
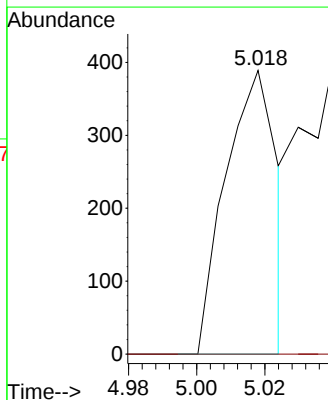
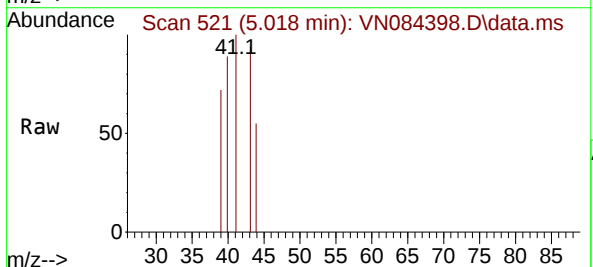
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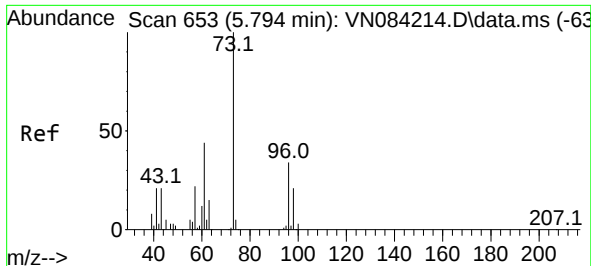
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

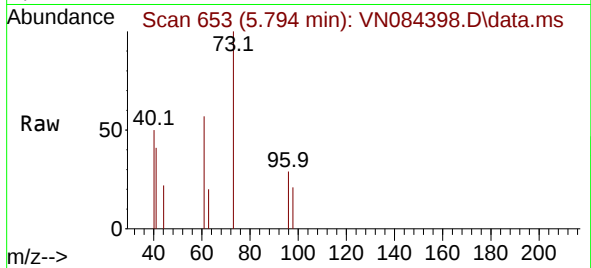
Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 0.268 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

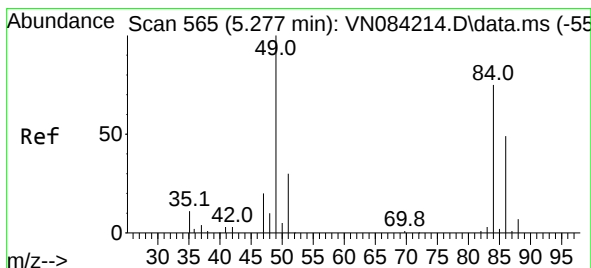
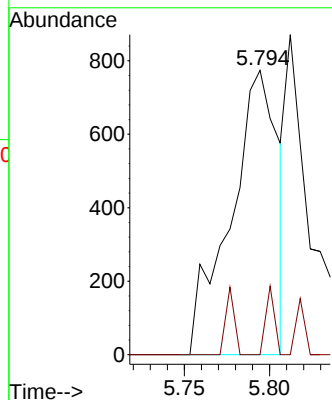
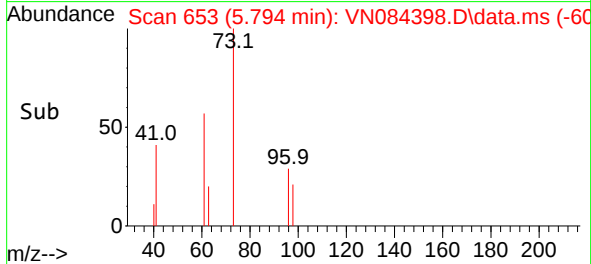
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



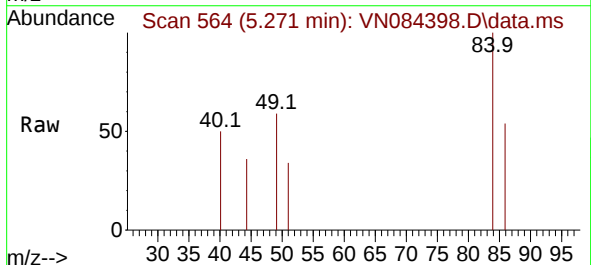
Tgt Ion: 73 Resp: 1498
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5

Manual Integrations
APPROVED

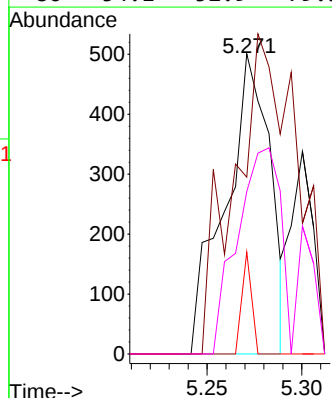
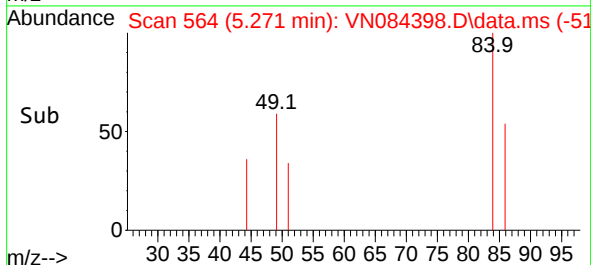
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

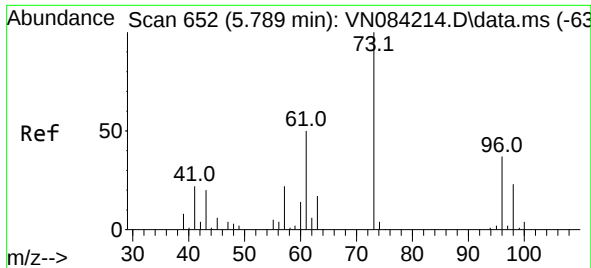


#20
Methylene Chloride
Concen: 0.435 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



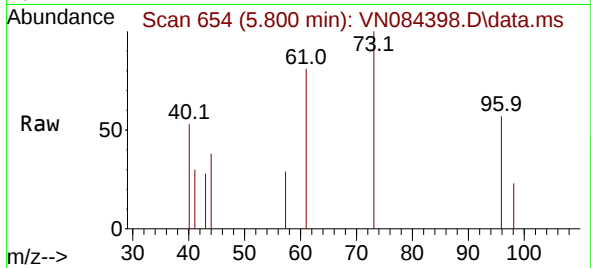
Tgt Ion: 84 Resp: 828
Ion Ratio Lower Upper
84 100
49 58.9 107.2 160.8#
51 33.9 31.8 47.8
86 54.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 0.331 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

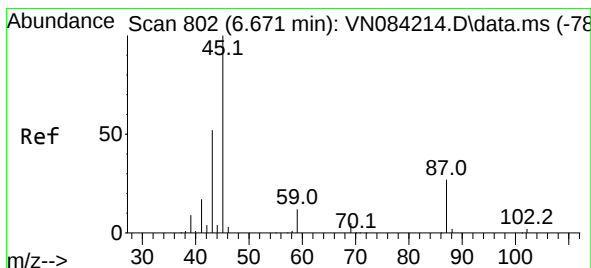
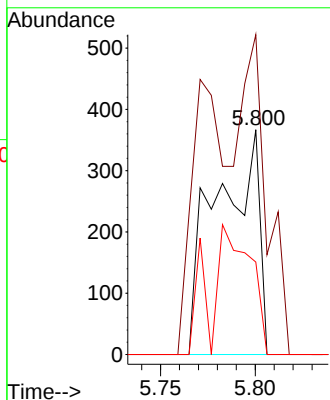
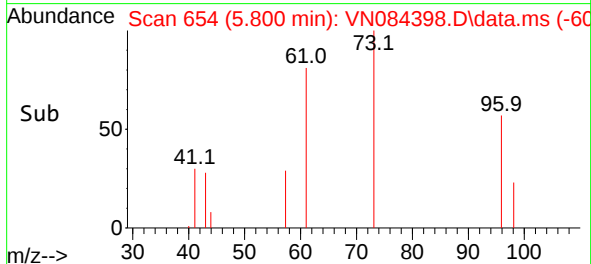
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 574
Ion Ratio Lower Upper
96 100
61 142.2 108.4 162.6
98 41.1 49.8 74.8

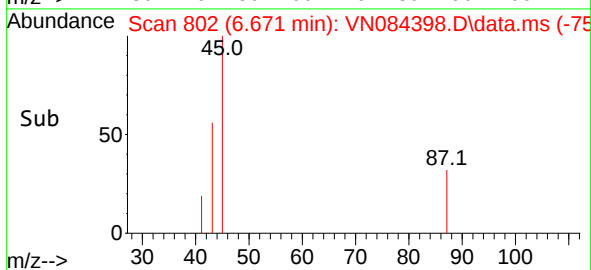
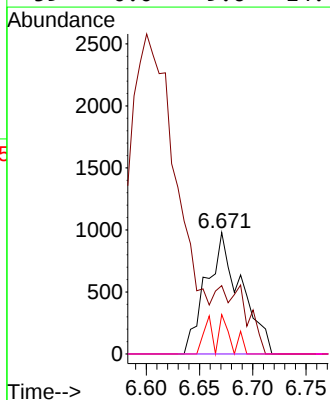
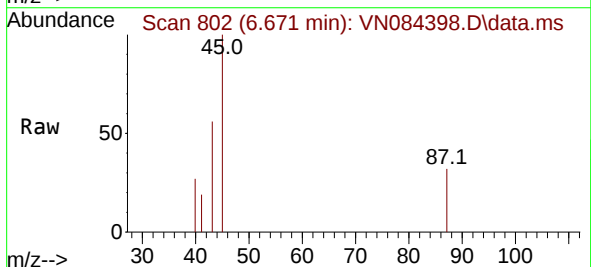
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22
Diisopropyl ether
Concen: 0.375 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion: 45 Resp: 2231
Ion Ratio Lower Upper
45 100
43 56.3 42.3 63.5
87 32.5 21.8 32.6
59 0.0 9.6 14.4





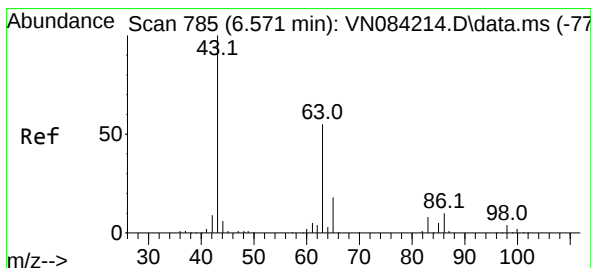
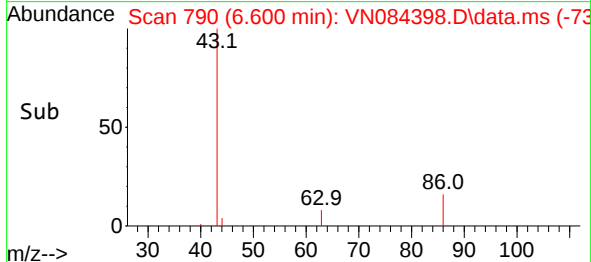
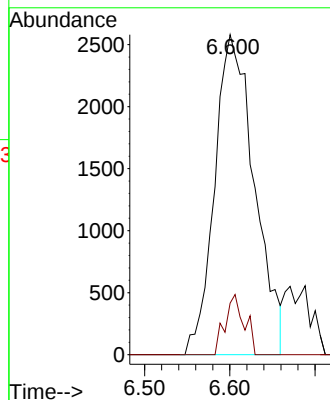
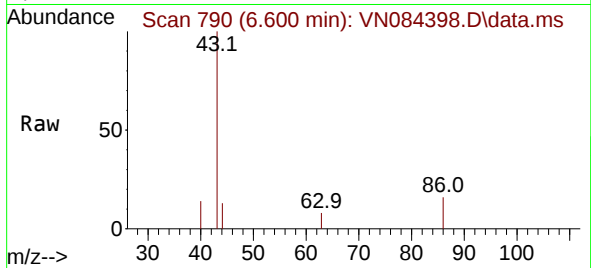
#23
 Vinyl Acetate
 Concen: 1.900 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084398.D
 Acq: 11 Oct 2024 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 8384
 Ion Ratio Lower Upper
 43 100
 86 16.1 8.6 12.8

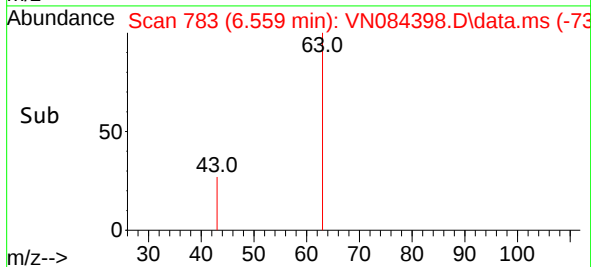
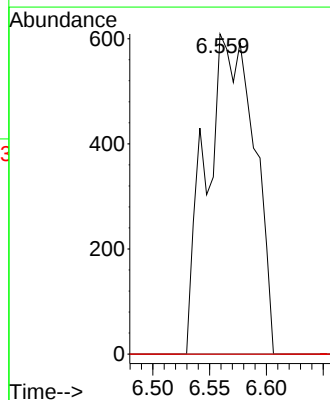
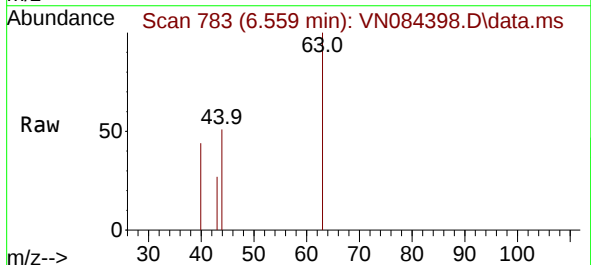
Manual Integrations
 APPROVED

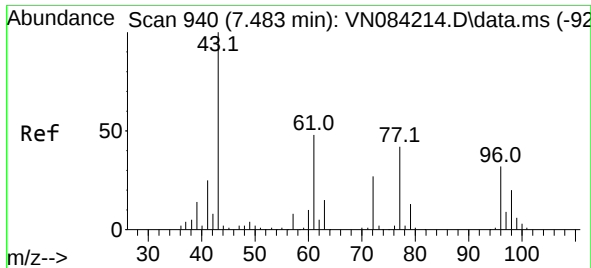
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.539 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084398.D
 Acq: 11 Oct 2024 14:16

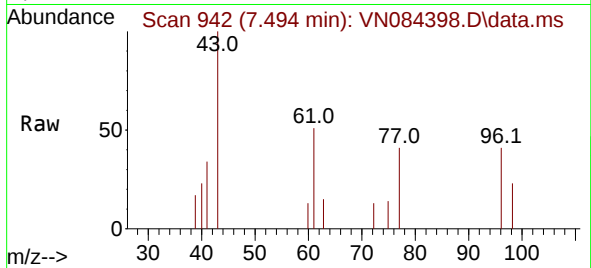
Tgt Ion: 63 Resp: 1794
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 2.535 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

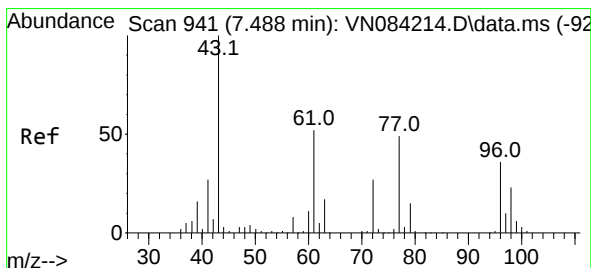
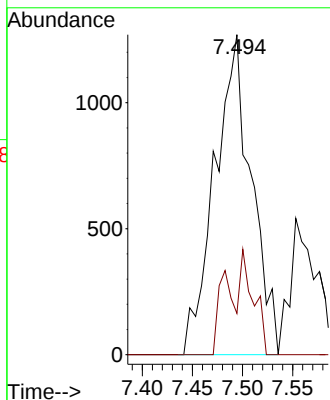
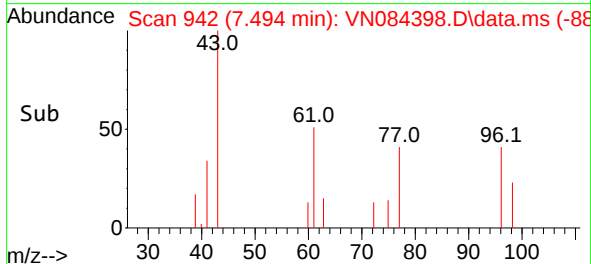
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
72 12.9 21.4 32.2

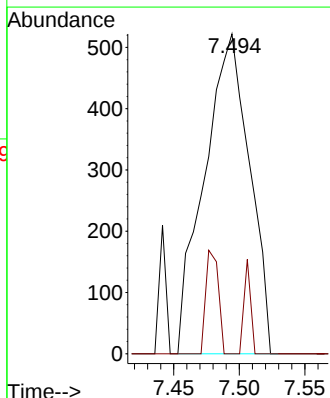
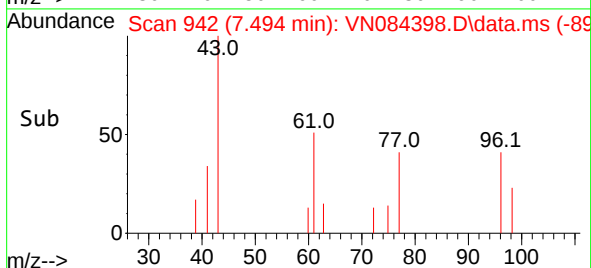
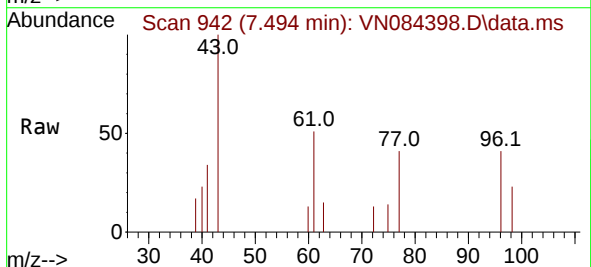
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 0.417 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

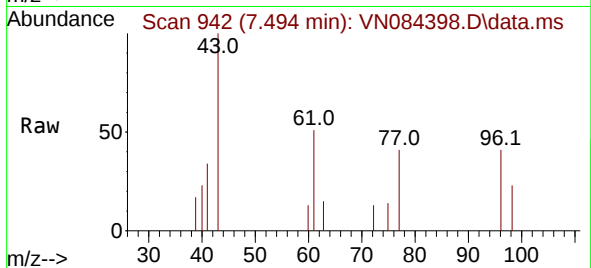
Tgt Ion: 77 Resp: 1251
Ion Ratio Lower Upper
77 100
97 4.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 0.501 ug/l m
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

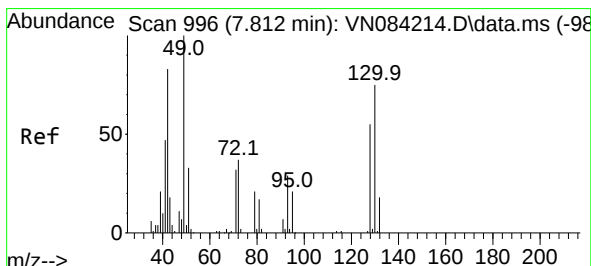
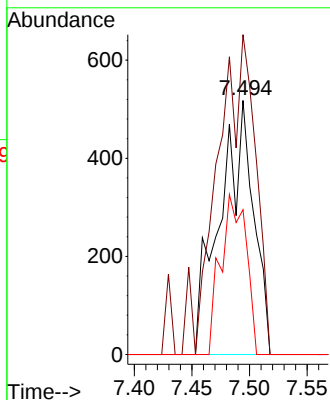
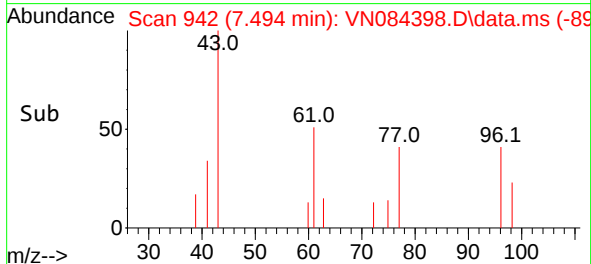
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 105
Ion Ratio Lower Upper
96 100
61 82.6 0.0 301.8
98 47.6 0.0 128.2

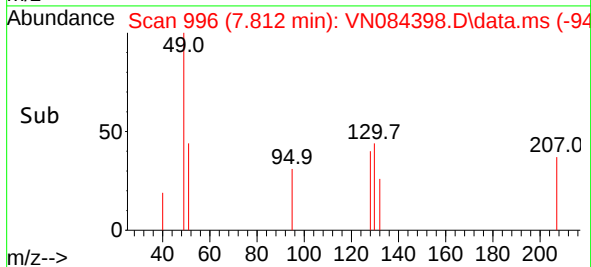
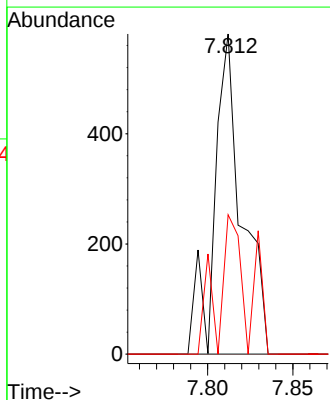
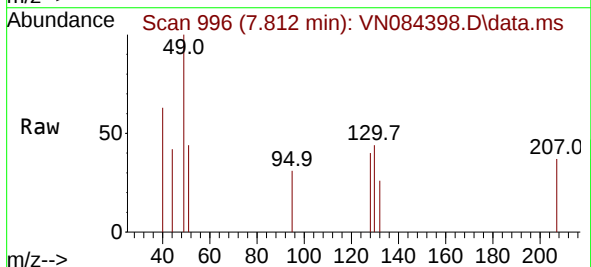
Manual Integrations
APPROVED

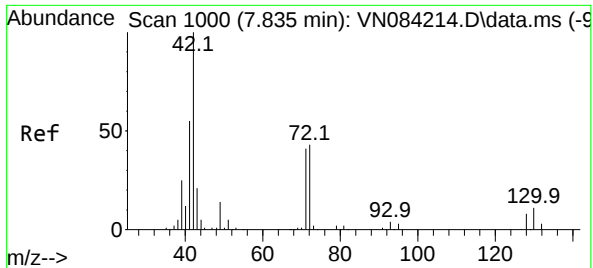
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#28
Bromochloromethane
Concen: 0.440 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

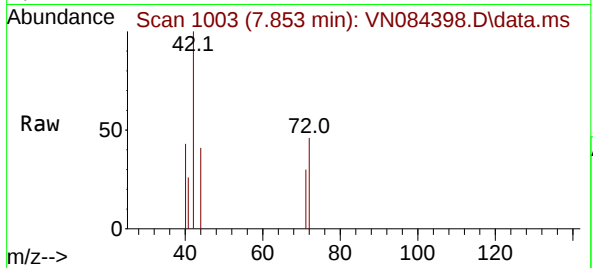
Tgt Ion: 49 Resp: 653
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 47.2 58.0 87.0#





#29
Tetrahydrofuran
Concen: 1.798 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

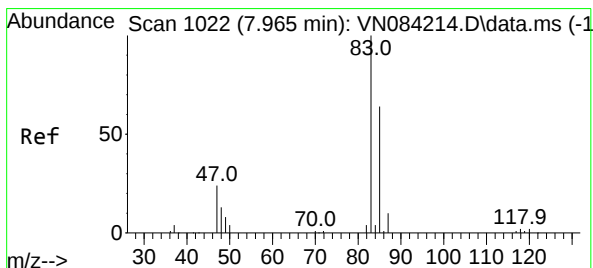
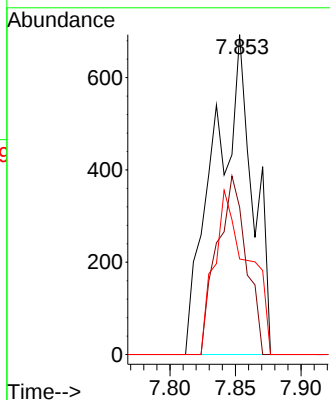
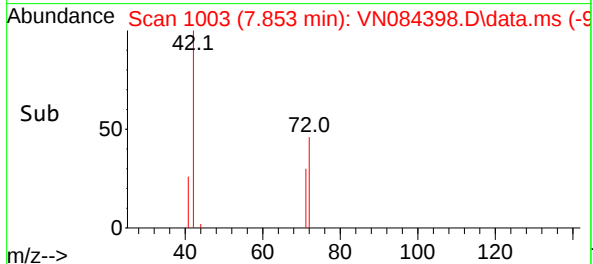
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 42 Resp: 1410
Ion Ratio Lower Upper
42 100
72 42.3 34.6 51.8
71 45.2 32.2 48.4

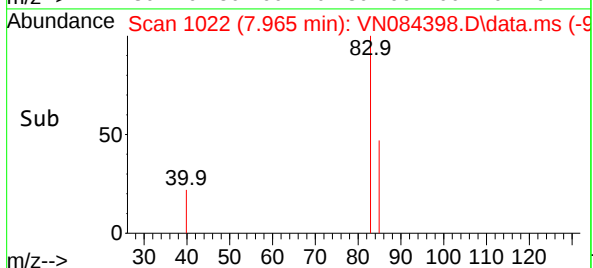
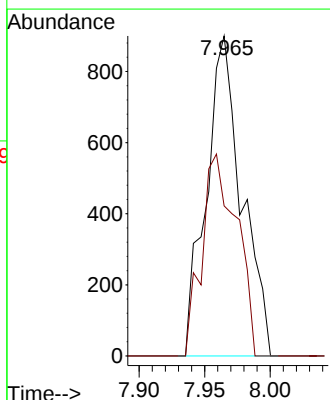
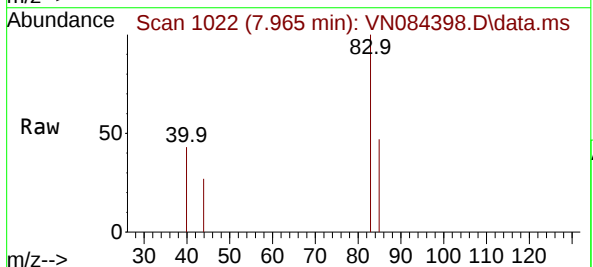
Manual Integrations
APPROVED

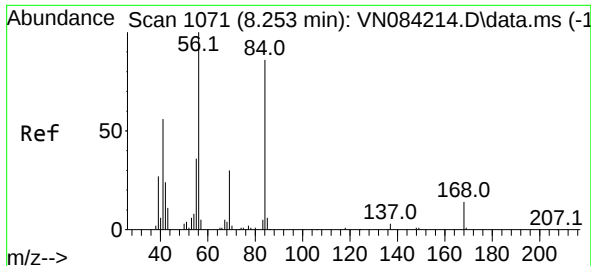
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
Chloroform
Concen: 0.492 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

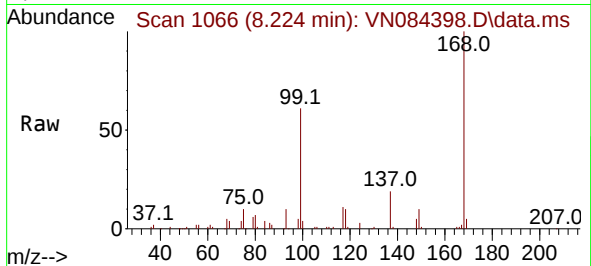
Tgt Ion: 83 Resp: 1700
Ion Ratio Lower Upper
83 100
85 46.9 51.0 76.4#





#31
Cyclohexane
Concen: 1.411 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

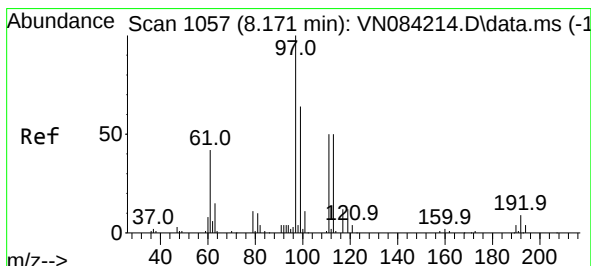
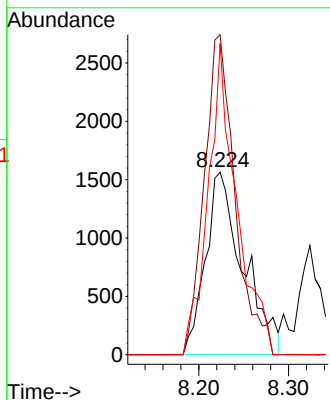
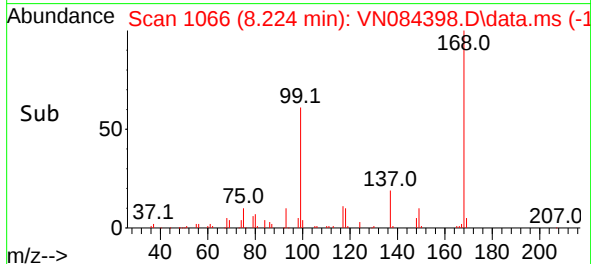
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 56 Resp: 4558
Ion Ratio Lower Upper
56 100
69 175.4 23.8 35.6#
84 170.6 68.8 103.2#

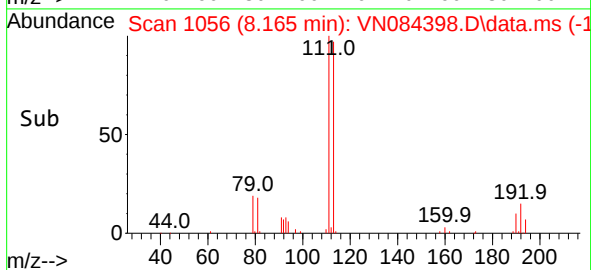
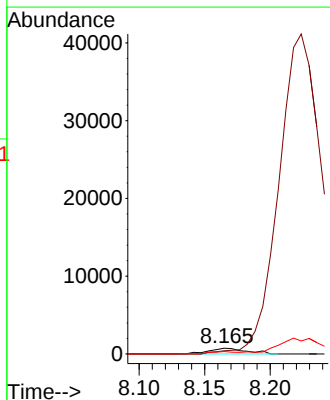
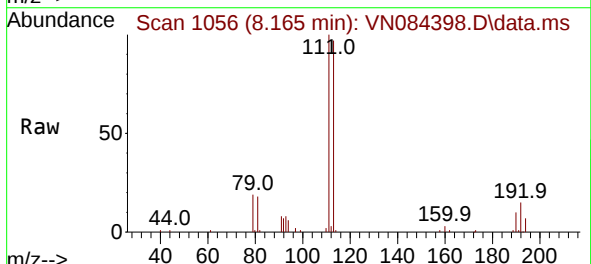
Manual Integrations
APPROVED

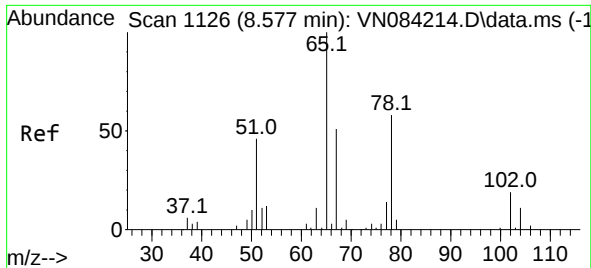
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 0.468 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion: 97 Resp: 1451
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 28.4 37.5 56.3#





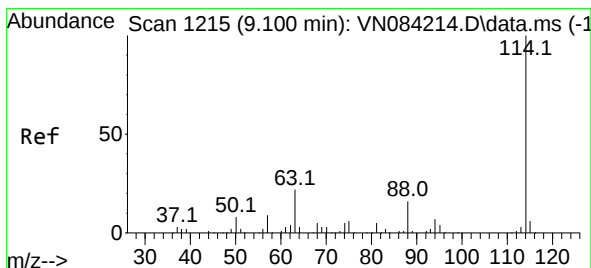
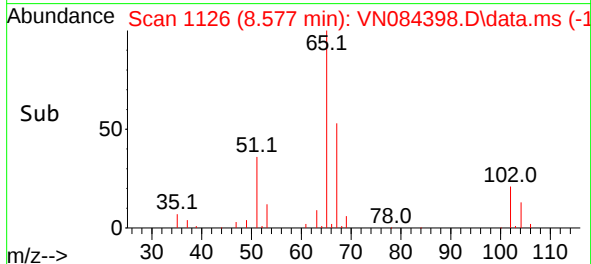
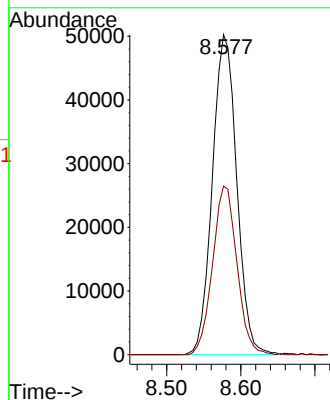
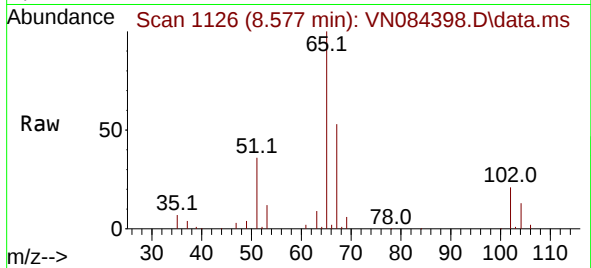
#33
1,2-Dichloroethane-d4
Concen: 52.607 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 65 Resp: 114712
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0

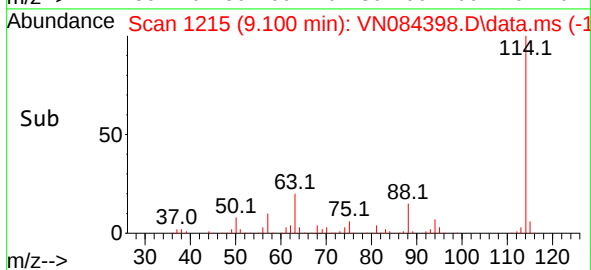
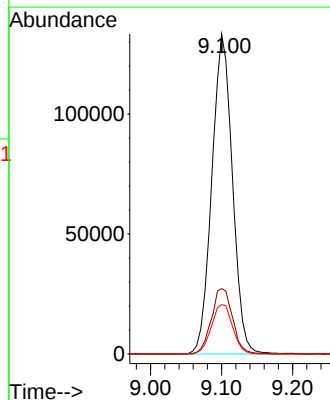
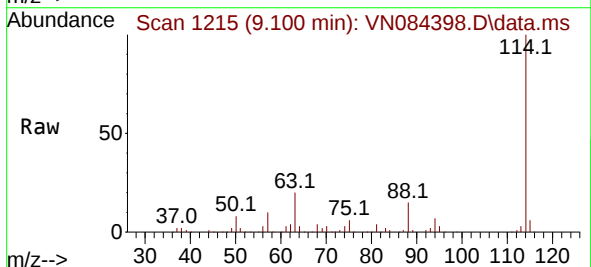
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

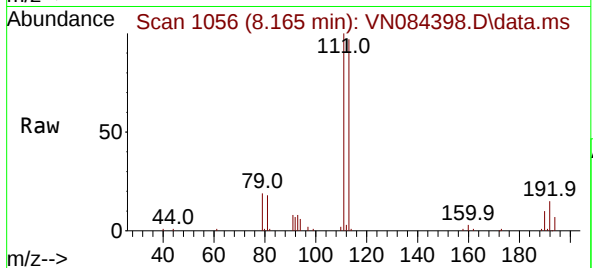
Tgt Ion:114 Resp: 267858
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.8
88 15.4 0.0 31.6





#35
Dibromofluoromethane
Concen: 51.043 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

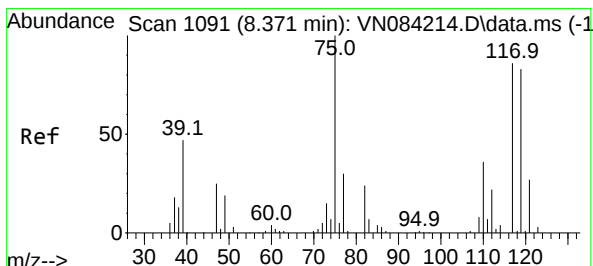
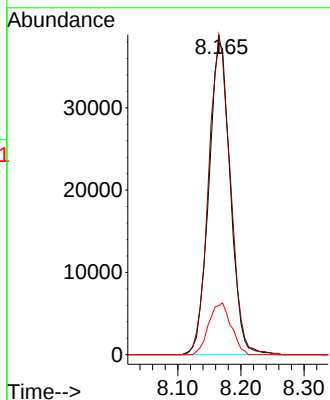
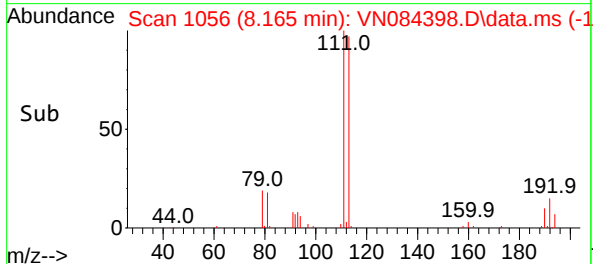
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 113 Resp: 90130
Ion Ratio Lower Upper
113 100
111 102.7 83.3 124.9
192 17.1 13.5 20.3

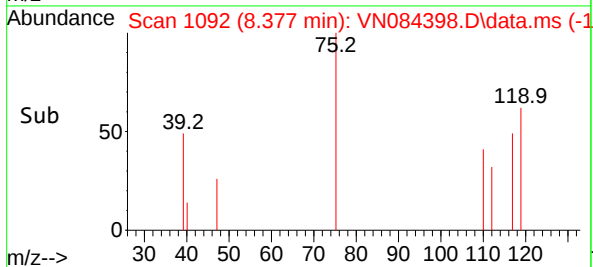
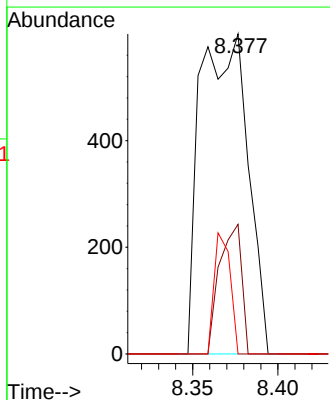
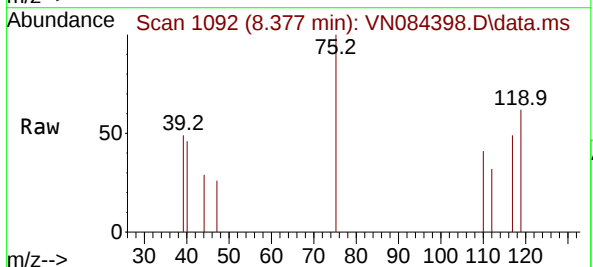
Manual Integrations
APPROVED

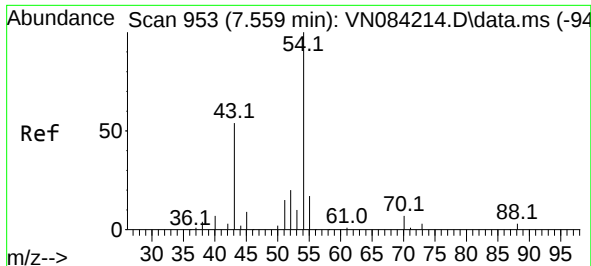
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#36
1,1-Dichloropropene
Concen: 0.455 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion: 75 Resp: 1167
Ion Ratio Lower Upper
75 100
110 18.8 16.9 50.7
77 12.7 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.357 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN084398.D

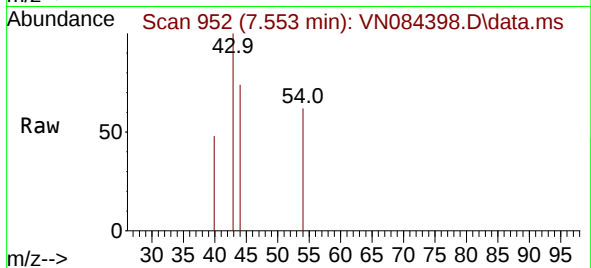
Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

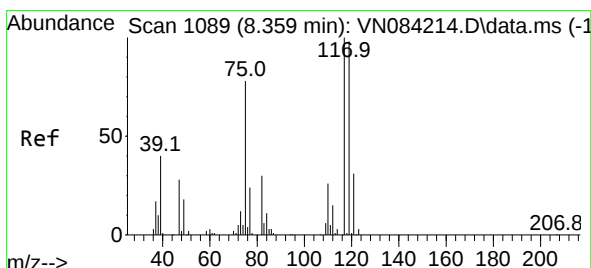
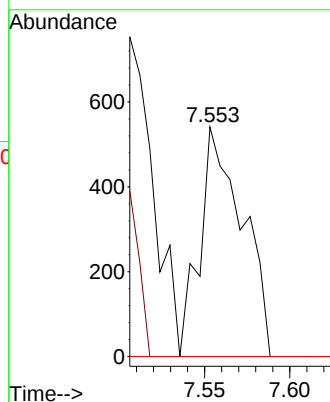
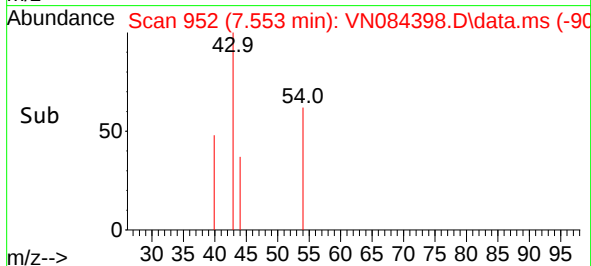


Tgt Ion: 43	Resp: 940
Ion Ratio	Lower Upper
43	100
61	0.0 10.7 16.1
70	0.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#38

Carbon Tetrachloride

Concen: 0.333 ug/l

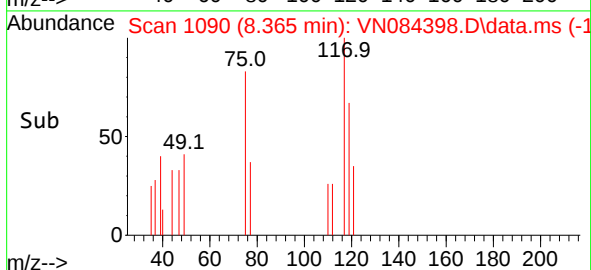
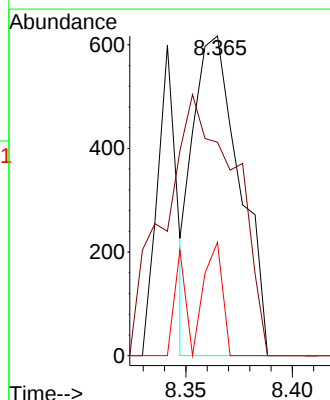
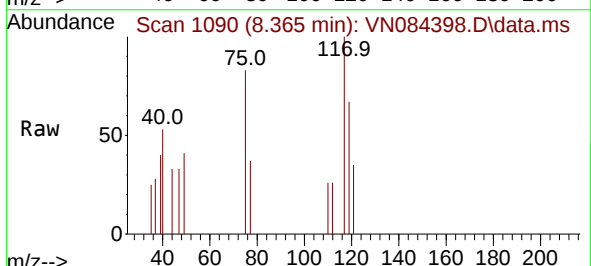
RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

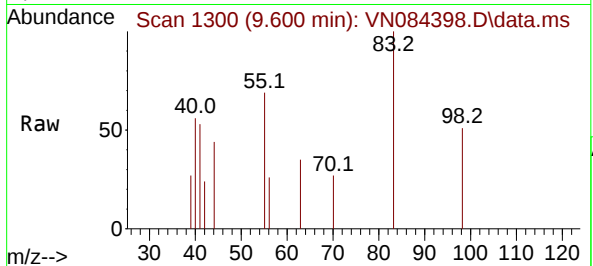
Tgt Ion: 117	Resp: 936
Ion Ratio	Lower Upper
117	100
119	66.8 78.7 118.1
121	35.5 24.4 36.6





#39
Methylcyclohexane
Concen: 0.456 ug/l
RT: 9.600 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

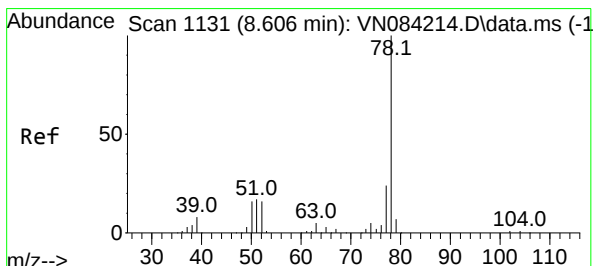
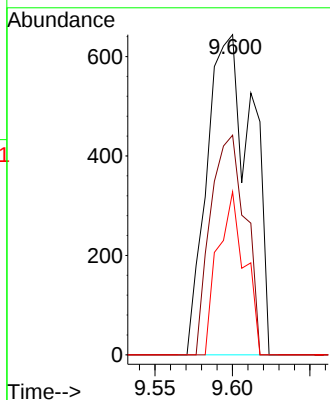
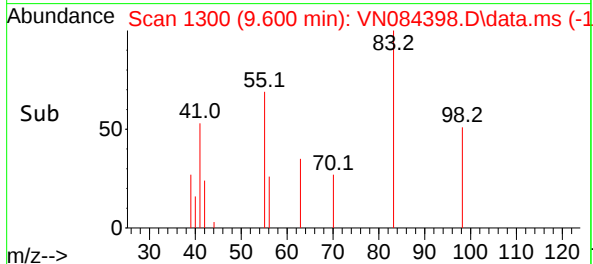
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 83 Resp: 1300
Ion Ratio Lower Upper
83 100
55 68.6 62.8 94.2
98 50.9 38.8 58.2

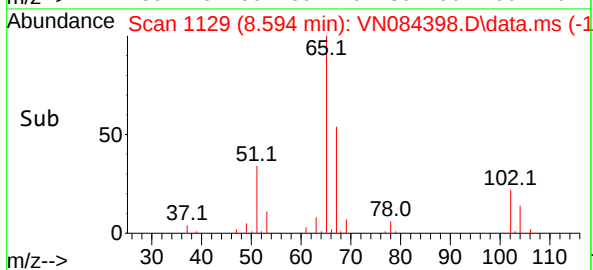
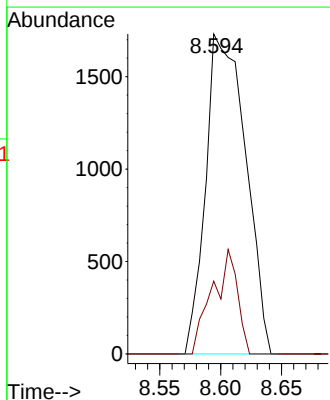
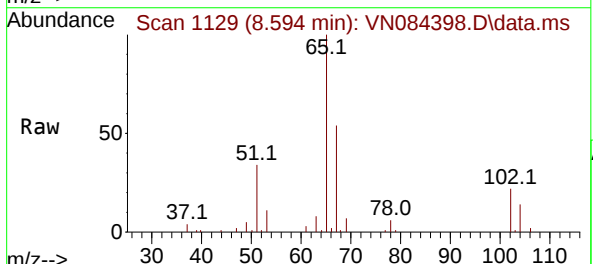
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#40
Benzene
Concen: 0.494 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. -0.012 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

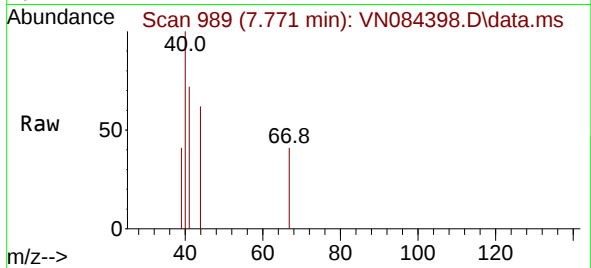
Tgt Ion: 78 Resp: 3945
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





#41
Methacrylonitrile
Concen: 0.361 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

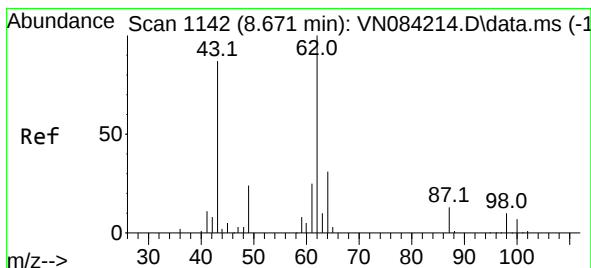
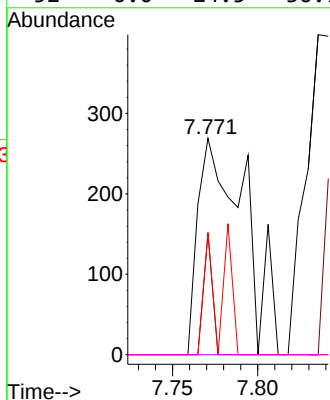
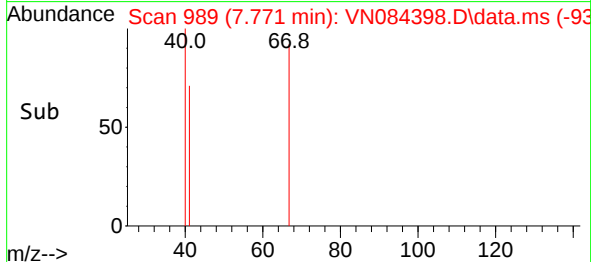
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 510
Ion Ratio Lower Upper
41 100
39 10.3 43.3 64.9
67 21.5 56.1 84.1
52 0.0 24.5 36.7

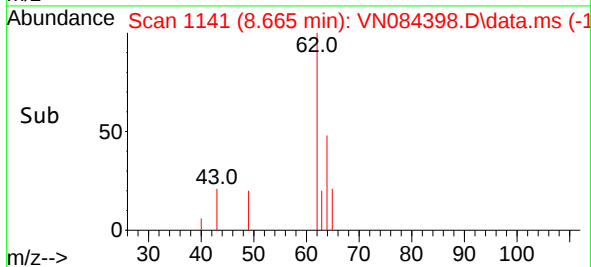
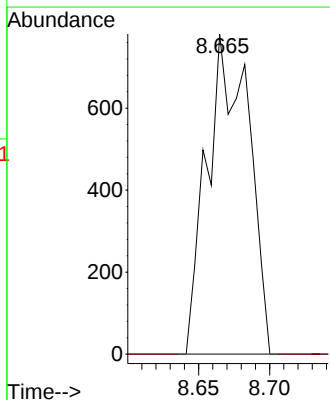
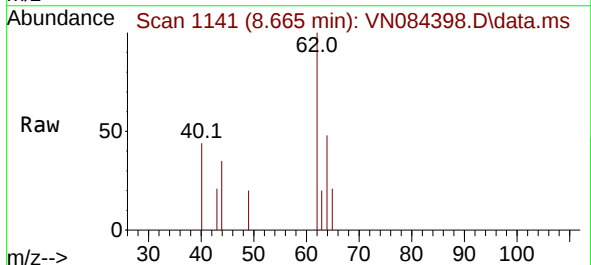
Manual Integrations
APPROVED

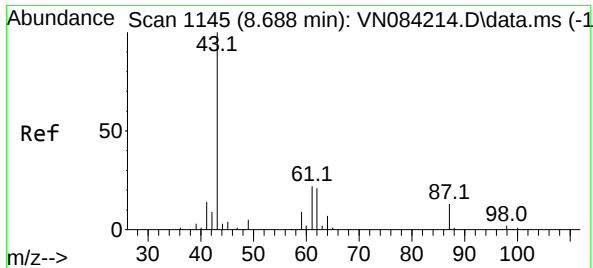
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 0.588 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion: 62 Resp: 1594
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 0.589 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

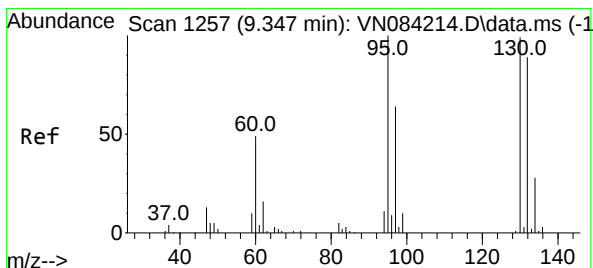
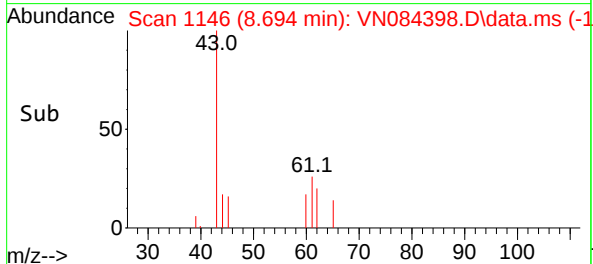
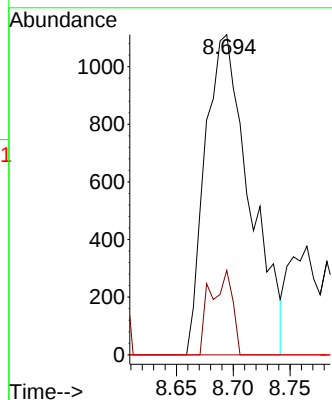
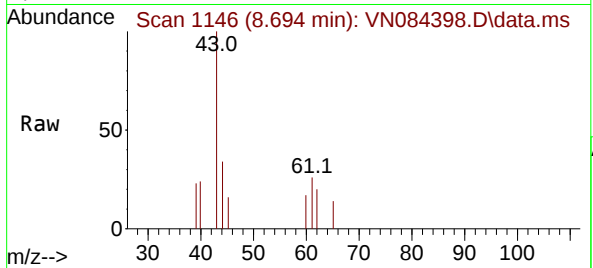
Tgt Ion: 43	Resp: 3034
Ion Ratio	Lower Upper
43	100
61	13.1 20.4 30.6
87	0.0 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#44

Trichloroethene

Concen: 0.436 ug/l

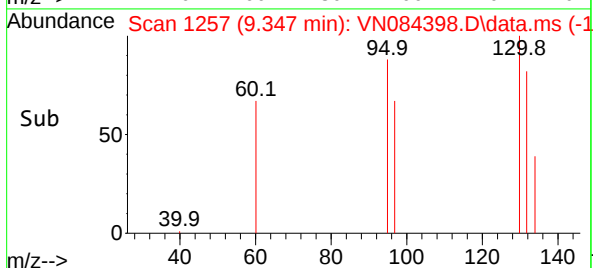
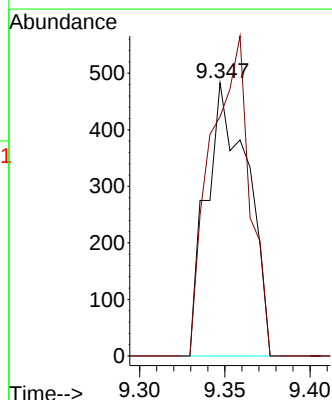
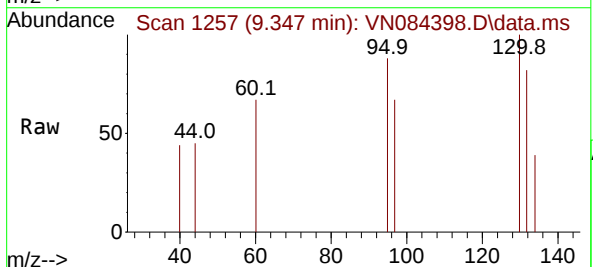
RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Tgt Ion:130	Resp: 814
Ion Ratio	Lower Upper
130	100
95	87.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 0.487 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

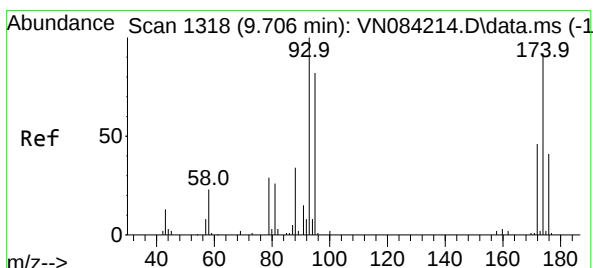
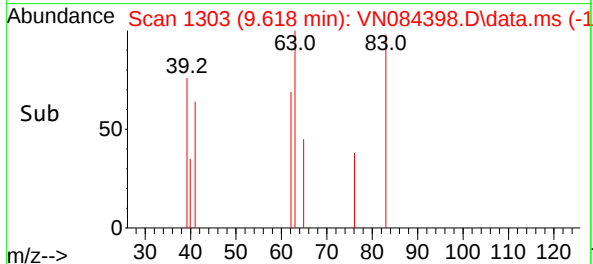
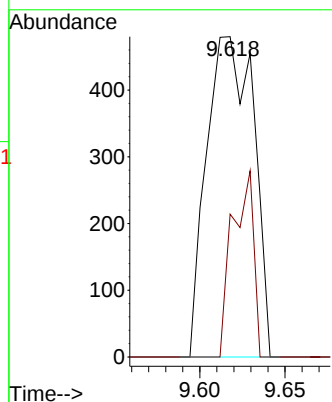
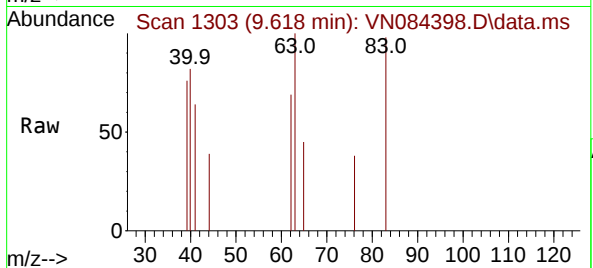
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 63 Resp: 920
 Ion Ratio Lower Upper
 63 100
 65 44.6 24.6 37.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 0.393 ug/l

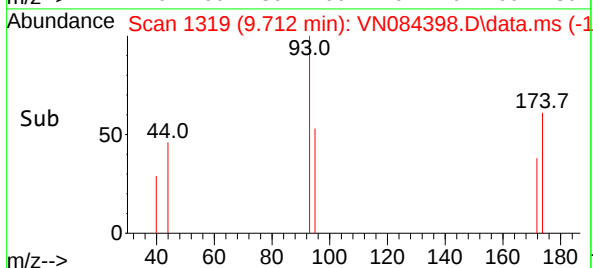
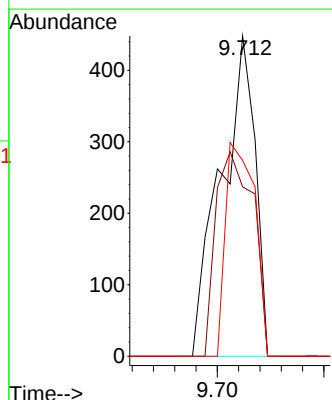
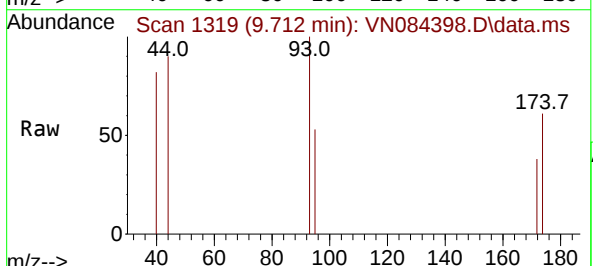
RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

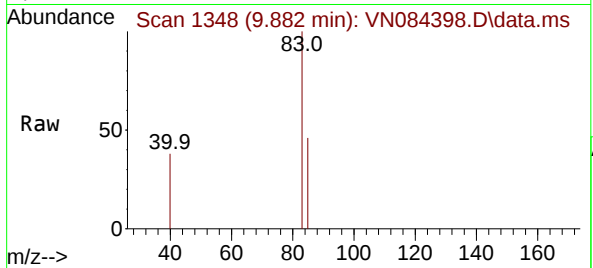
Tgt Ion: 93 Resp: 501
 Ion Ratio Lower Upper
 93 100
 95 69.5 65.0 97.4
 174 57.1 71.8 107.8





#47
Bromodichloromethane
Concen: 0.539 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

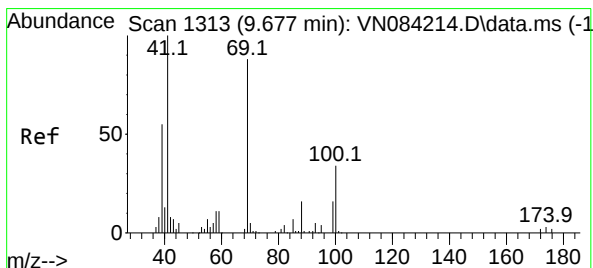
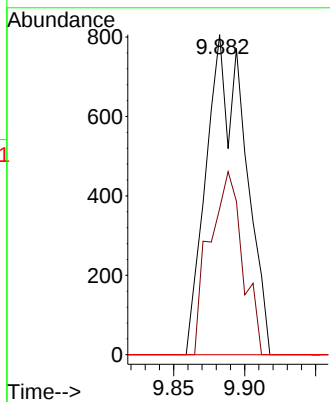
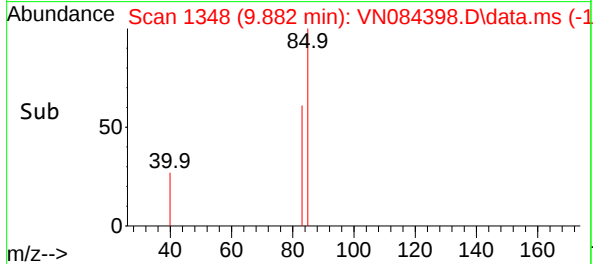
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 83 Resp: 1528
Ion Ratio Lower Upper
83 100
85 45.7 51.5 77.3
127 0.0 5.7 8.5

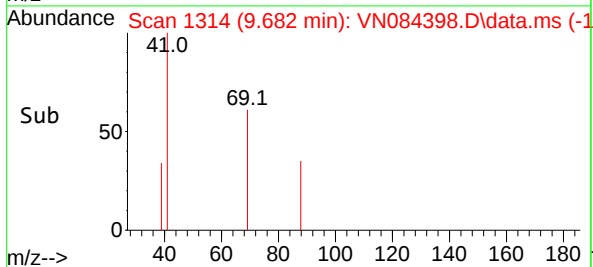
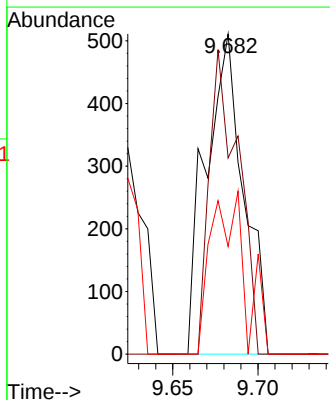
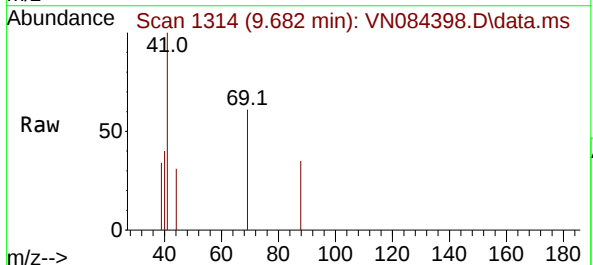
Manual Integrations
APPROVED

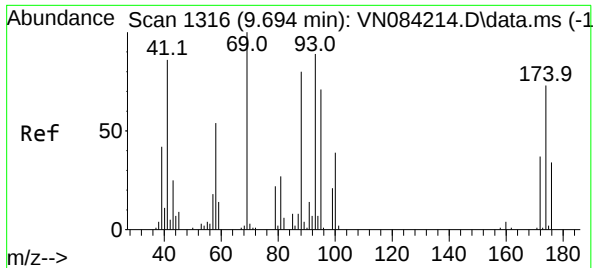
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Methyl methacrylate
Concen: 0.385 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

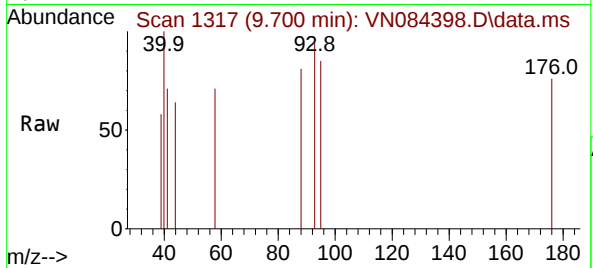
Tgt Ion: 41 Resp: 790
Ion Ratio Lower Upper
41 100
69 72.7 67.1 100.7
39 45.2 45.8 68.6





#49
1,4-Dioxane
Concen: 6.936 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

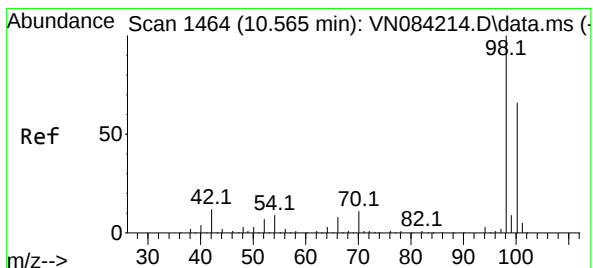
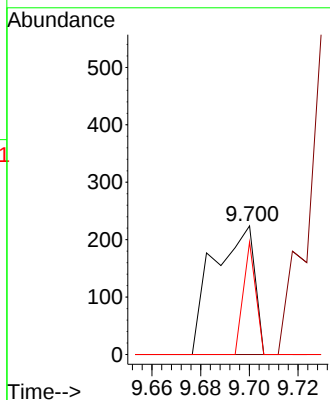
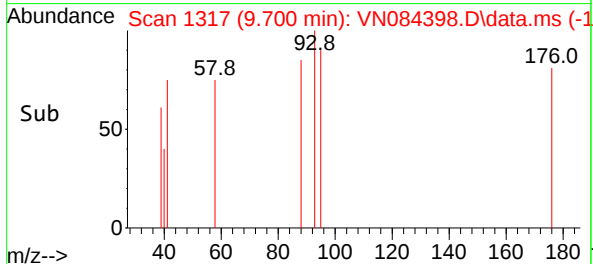
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 88 Resp: 262
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9
58 26.3 56.4 84.6

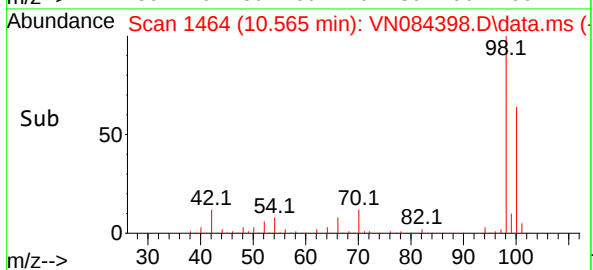
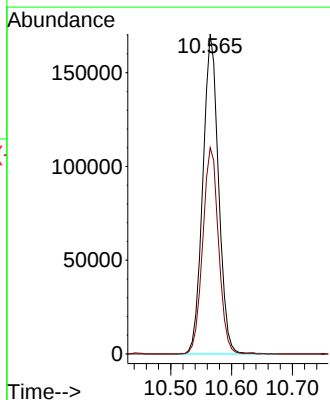
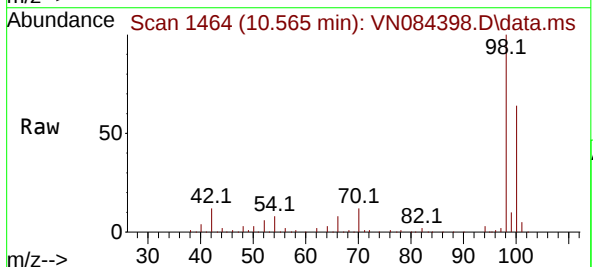
Manual Integrations
APPROVED

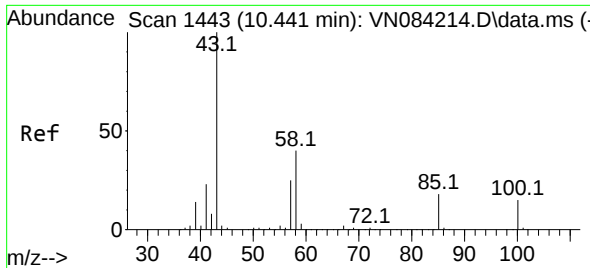
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50
Toluene-d8
Concen: 47.053 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion: 98 Resp: 305699
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





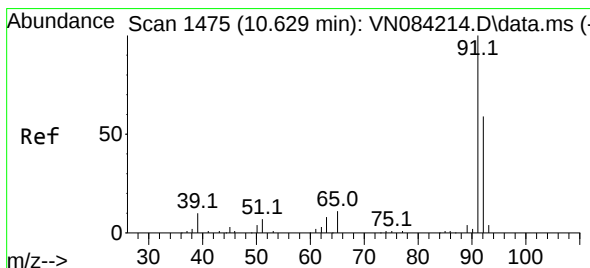
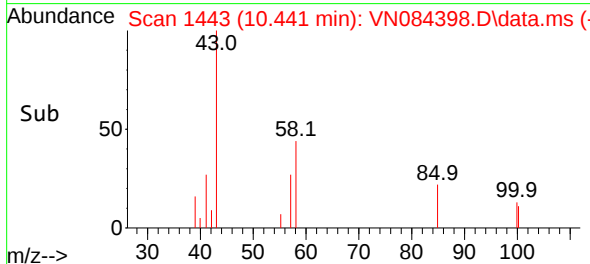
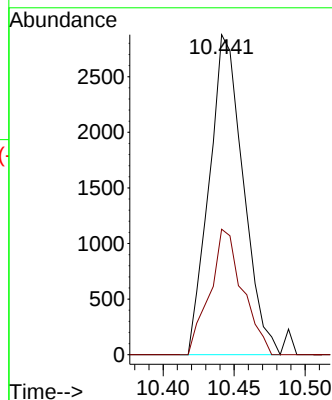
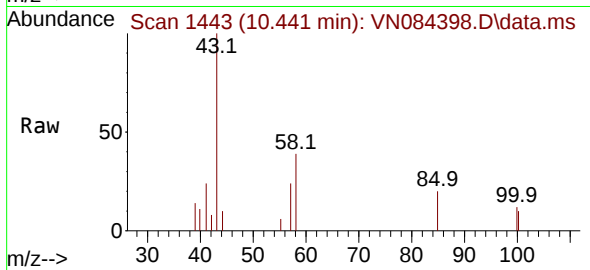
#51
4-Methyl-2-Pentanone
Concen: 1.915 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 4798
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4

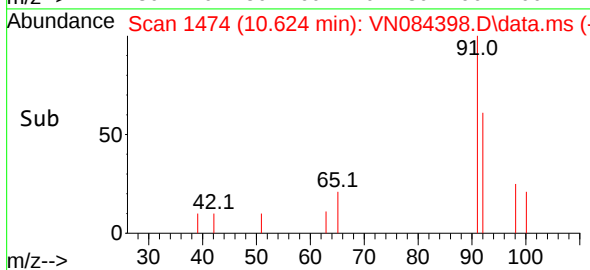
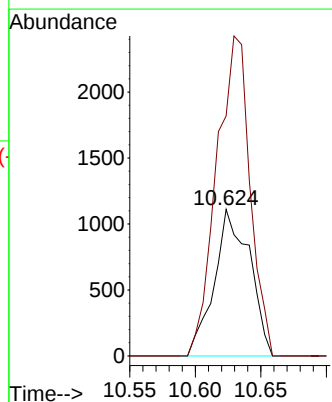
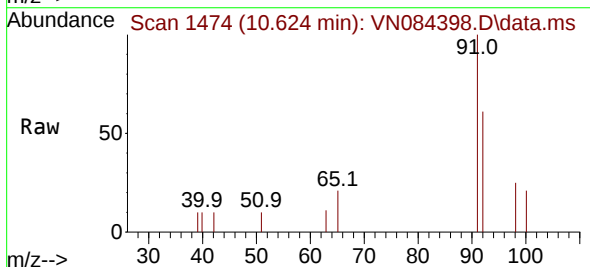
Manual Integrations
APPROVED

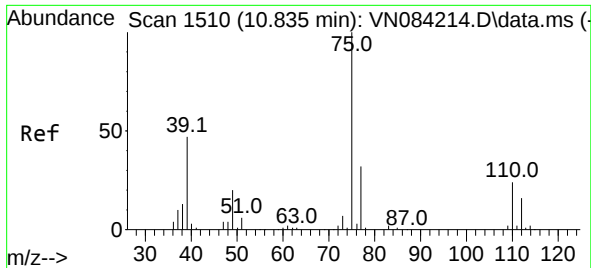
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 0.427 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

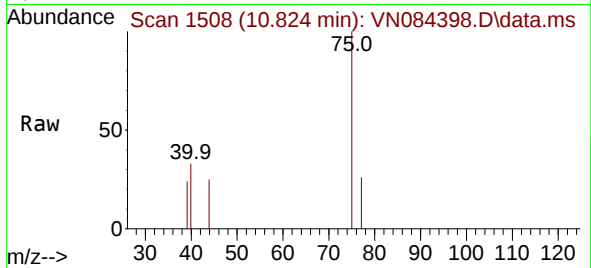
Tgt Ion: 92 Resp: 2083
Ion Ratio Lower Upper
92 100
91 206.6 137.3 205.9#





#53
t-1,3-Dichloropropene
Concen: 0.424 ug/l
RT: 10.824 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

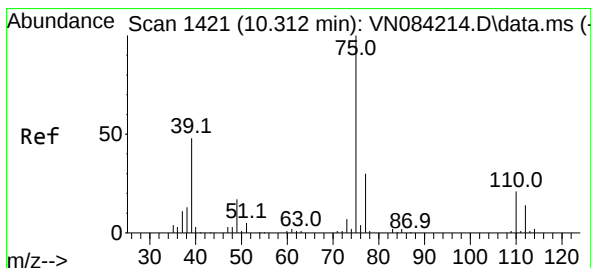
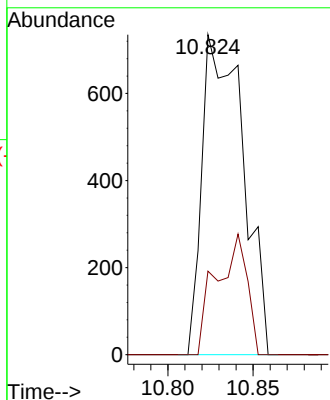
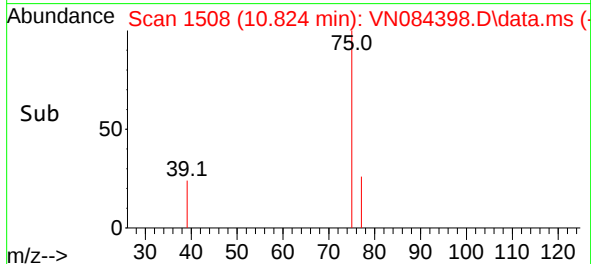
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 75 Resp: 1220
Ion Ratio Lower Upper
75 100
77 26.1 25.4 38.0

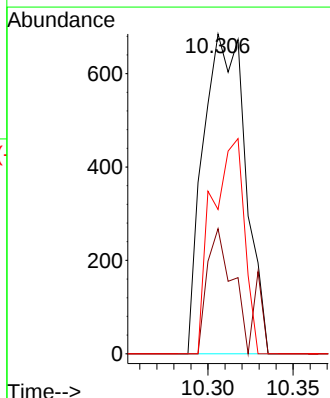
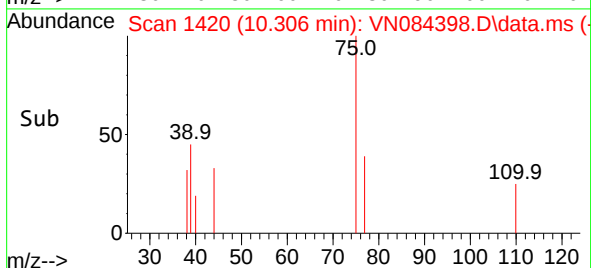
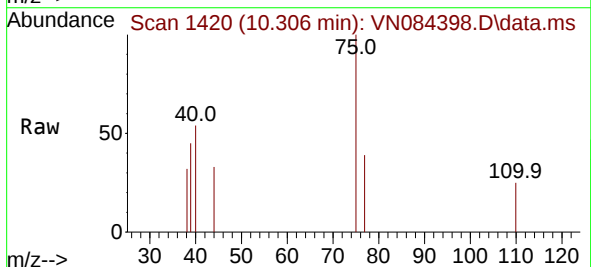
Manual Integrations
APPROVED

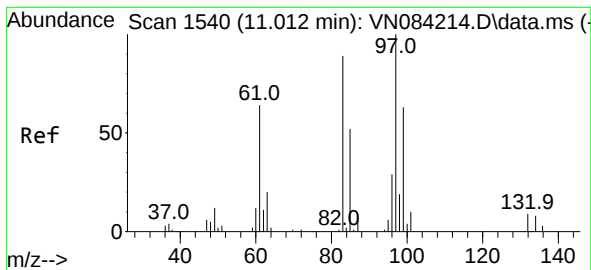
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#54
cis-1,3-Dichloropropene
Concen: 0.381 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

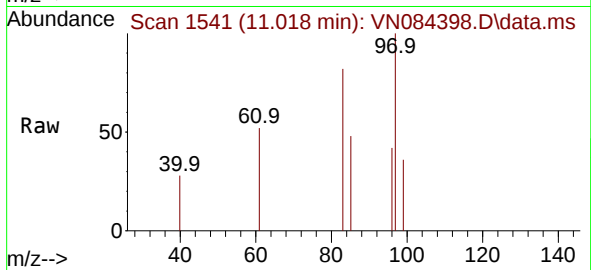
Tgt Ion: 75 Resp: 1184
Ion Ratio Lower Upper
75 100
77 39.1 24.2 36.2#
39 45.1 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 0.531 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

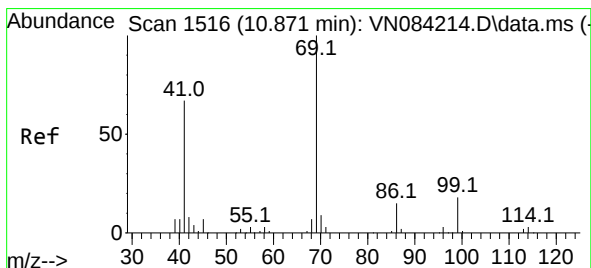
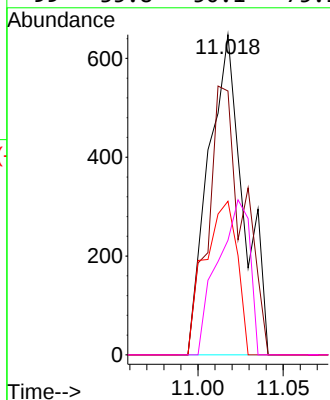
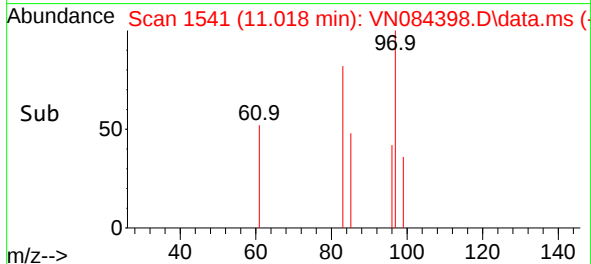


Tgt Ion: 97 Resp: 92

Ion	Ratio	Lower	Upper
97	100		
83	82.4	71.0	106.4
85	48.0	41.7	62.5
99	35.8	50.1	75.1

Manual Integrations
APPROVED

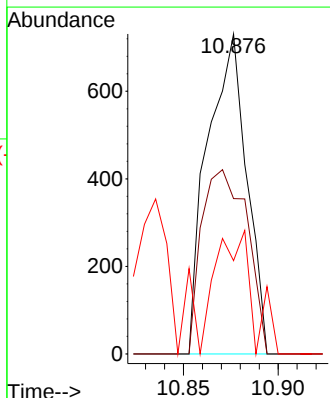
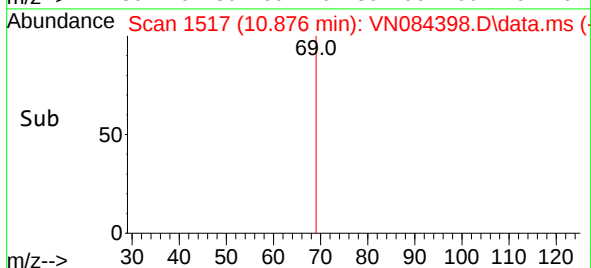
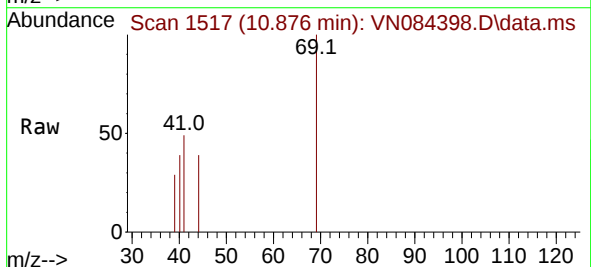
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

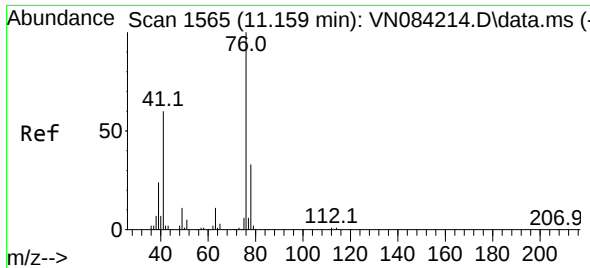


#56
Ethyl methacrylate
Concen: 0.364 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion: 69 Resp: 1047

Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.3	79.9
39	36.5	28.8	43.2





#57

1,3-Dichloropropane

Concen: 0.521 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084398.D

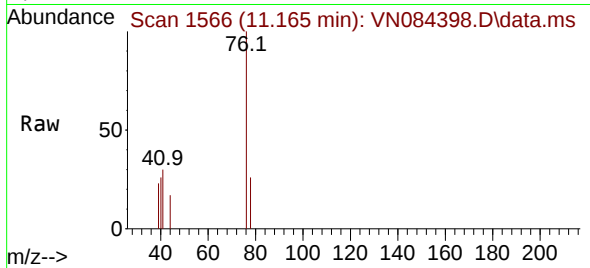
Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 162

Ion Ratio Lower Upper

76 100

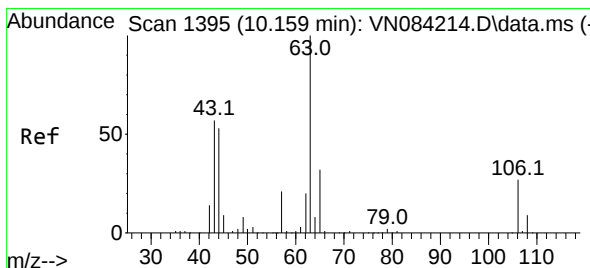
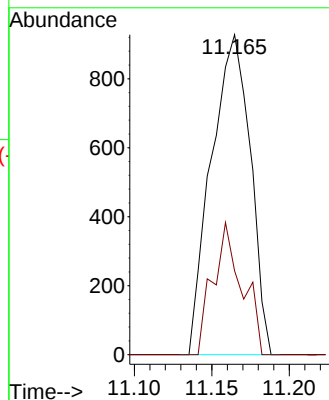
78 30.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 1.907 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084398.D

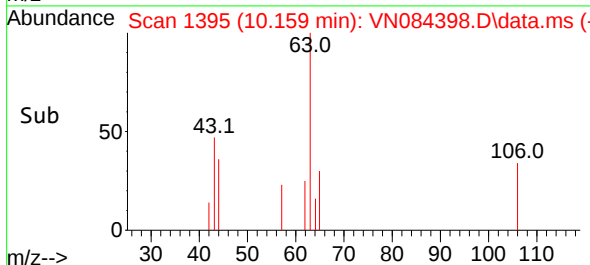
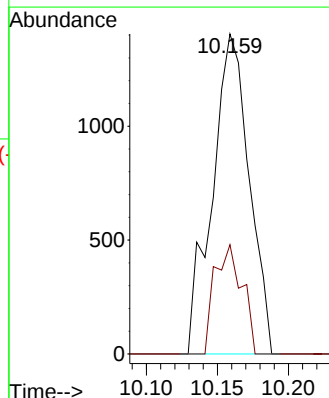
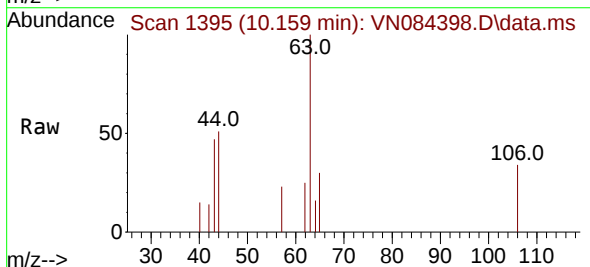
Acq: 11 Oct 2024 14:16

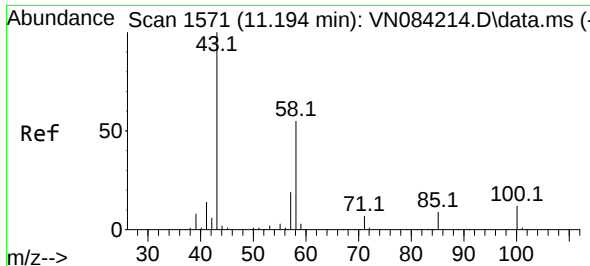
Tgt Ion: 63 Resp: 2543

Ion Ratio Lower Upper

63 100

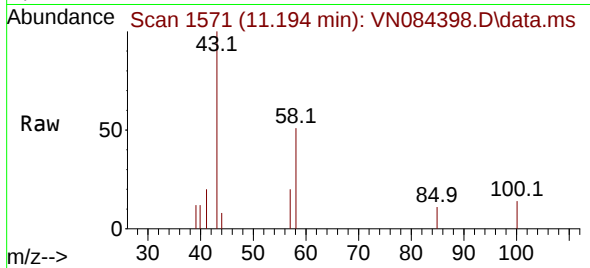
106 25.3 21.8 32.6





#59
2-Hexanone
Concen: 1.878 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

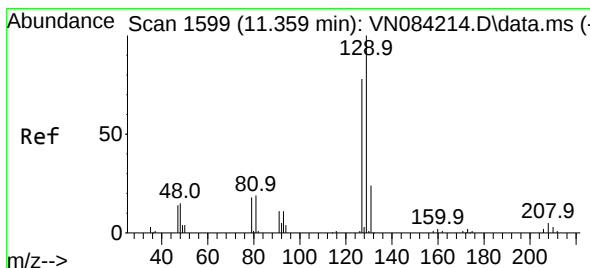
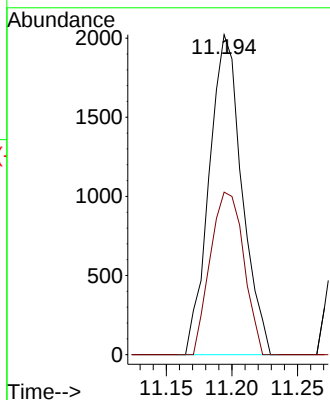
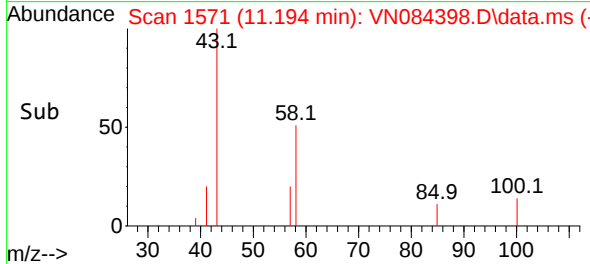
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



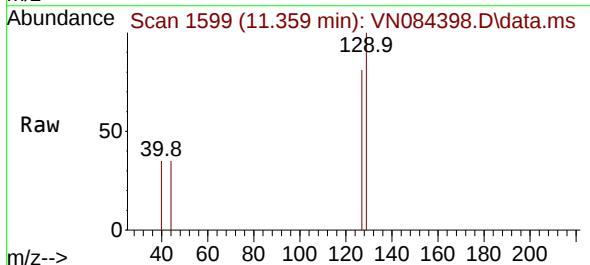
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
58 51.8 27.3 81.8

Manual Integrations
APPROVED

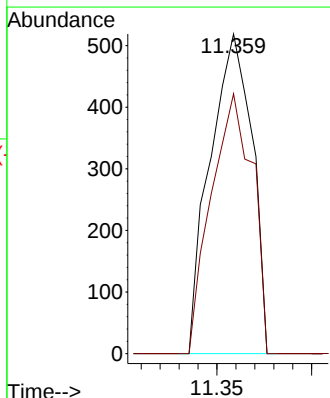
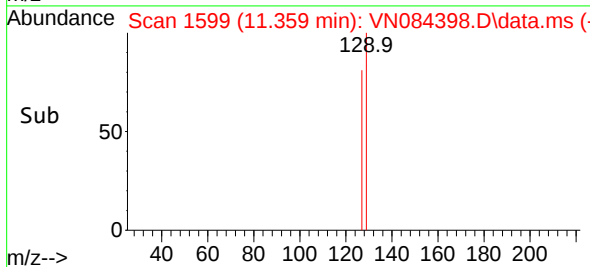
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

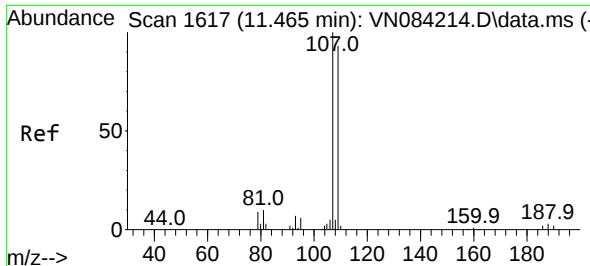


#60
Dibromochloromethane
Concen: 0.386 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion:129 Resp: 797
Ion Ratio Lower Upper
129 100
127 80.2 38.3 114.9





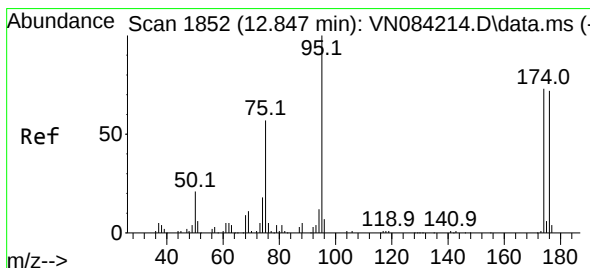
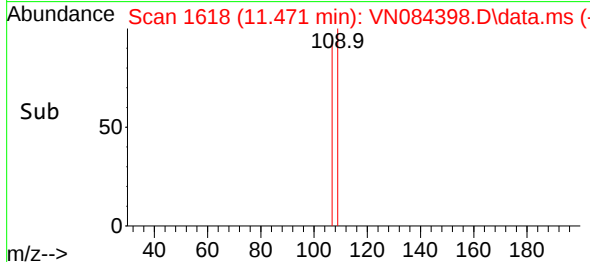
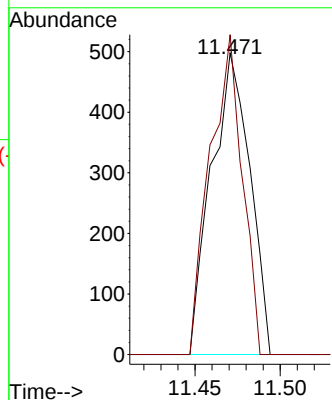
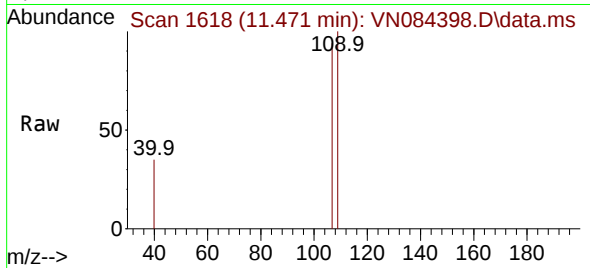
#61
1,2-Dibromoethane
Concen: 0.430 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:107 Resp: 780
Ion Ratio Lower Upper
107 100
109 89.1 75.4 113.0

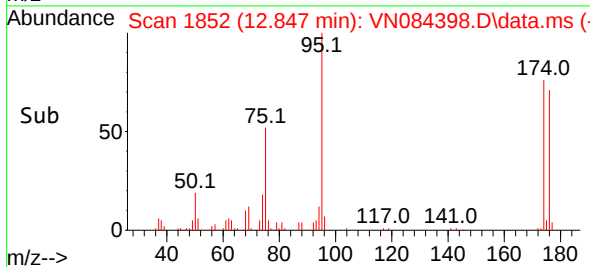
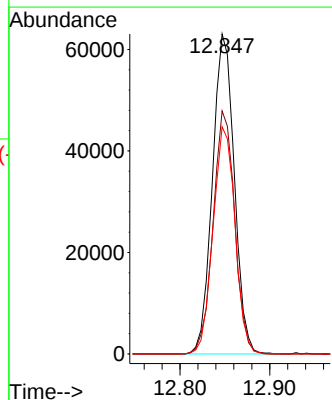
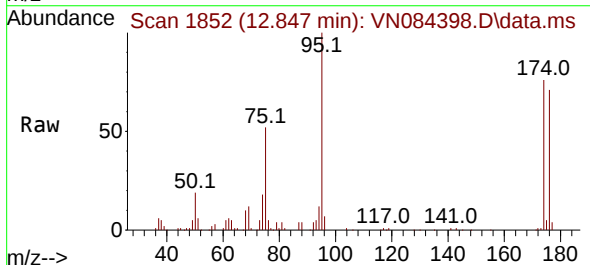
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 45.003 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion: 95 Resp: 106516
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.2
176 71.4 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:117 Resp: 23281

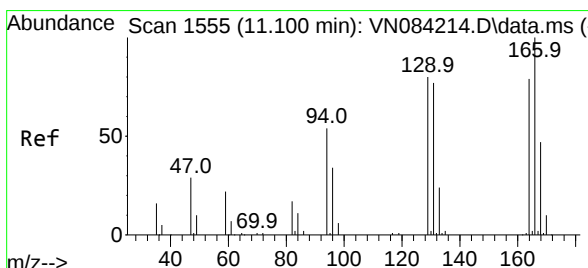
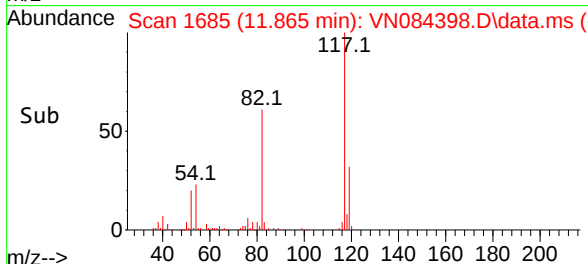
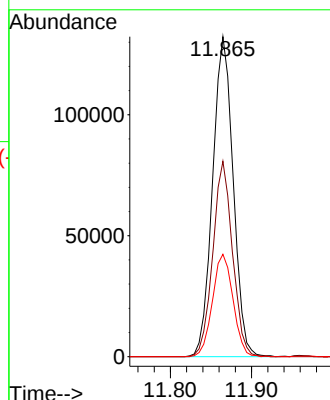
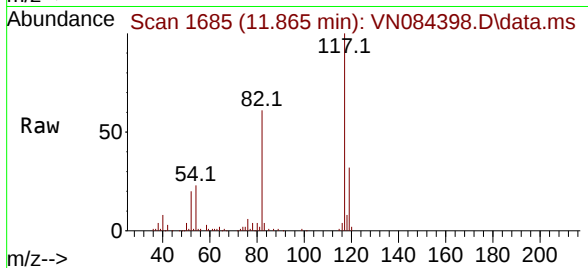
Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.2	70.8
119	32.0	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#64

Tetrachloroethene

Concen: 0.480 ug/l

RT: 11.100 min Scan# 1555

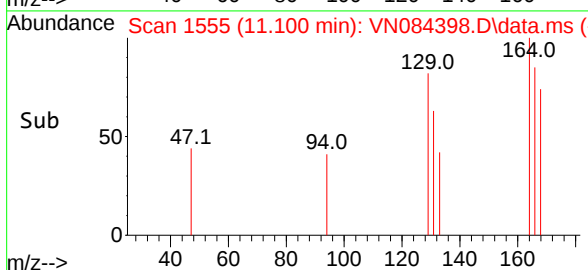
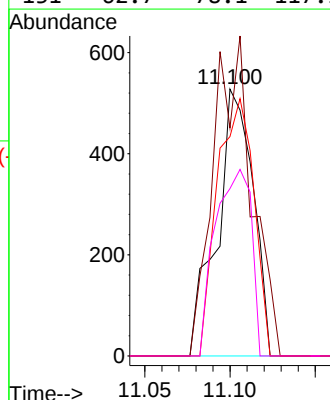
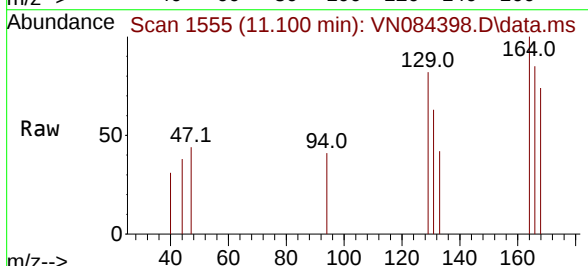
Delta R.T. -0.000 min

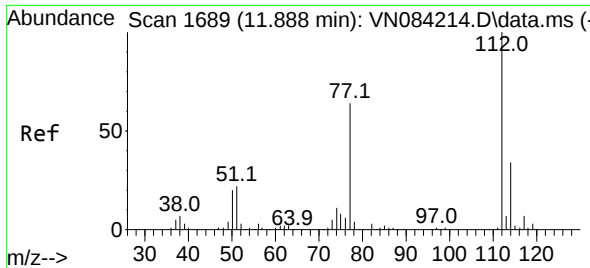
Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Tgt Ion:164 Resp: 779

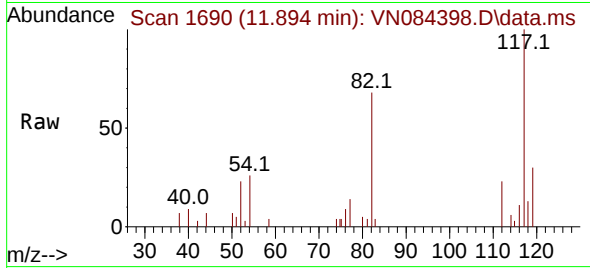
Ion	Ratio	Lower	Upper
164	100		
166	85.4	101.0	151.4#
129	82.2	80.8	121.2
131	62.7	78.1	117.1#





#65
Chlorobenzene
Concen: 0.449 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

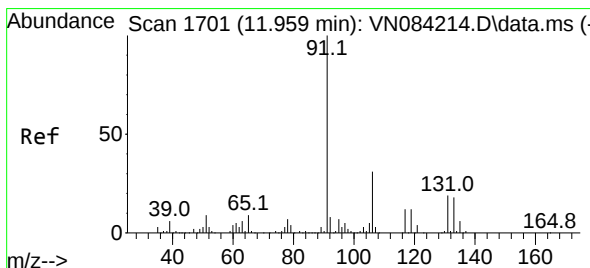
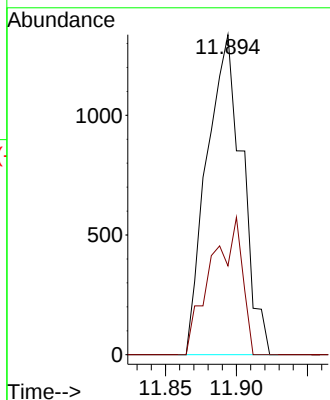
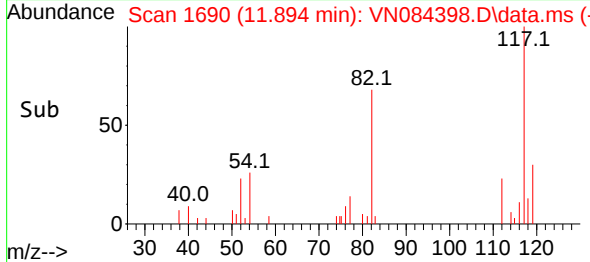
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



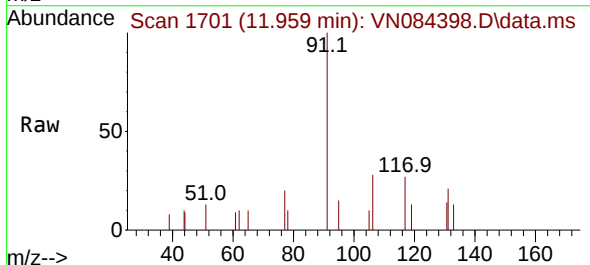
Tgt Ion:112 Resp: 2319
Ion Ratio Lower Upper
112 100
114 27.7 27.0 40.6

Manual Integrations
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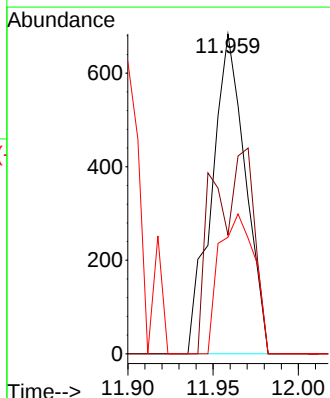
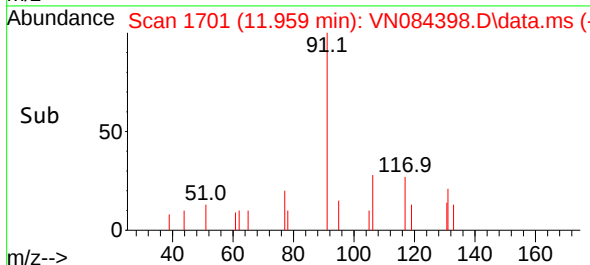
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.529 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion:131 Resp: 940
Ion Ratio Lower Upper
131 100
133 39.5 47.9 143.7#
119 0.0 32.8 98.3#





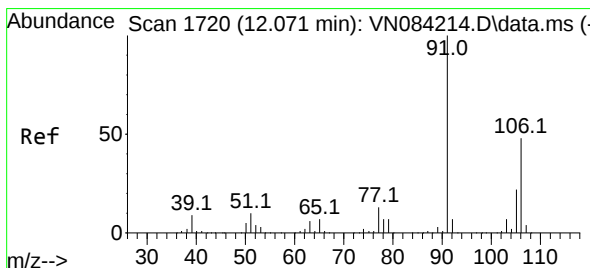
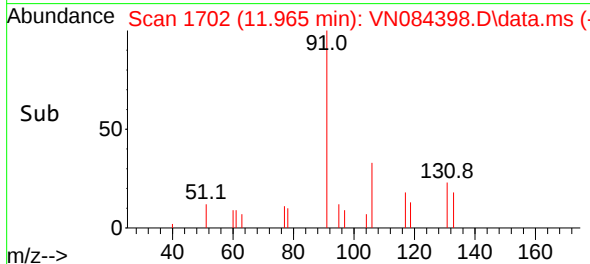
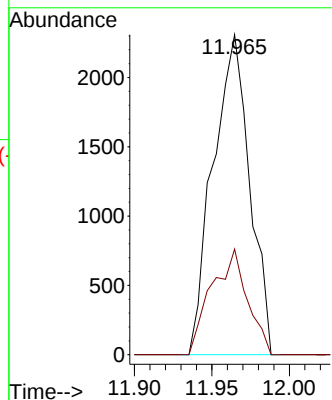
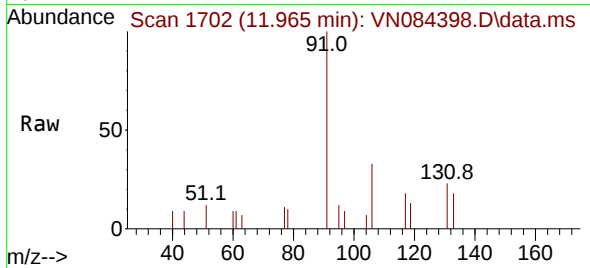
#67
Ethyl Benzene
Concen: 0.415 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 91 Resp: 378
Ion Ratio Lower Upper
91 100
106 33.0 24.5 36.7

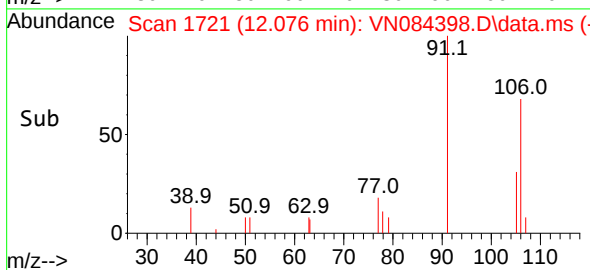
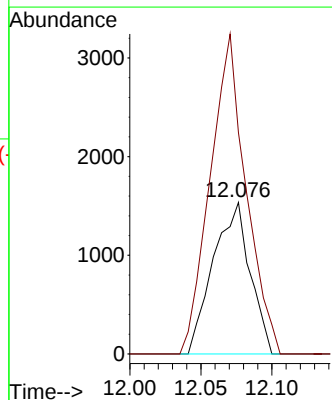
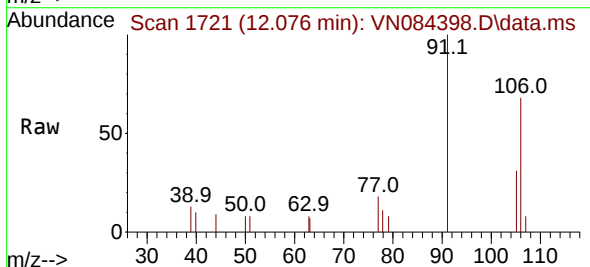
Manual Integrations
APPROVED

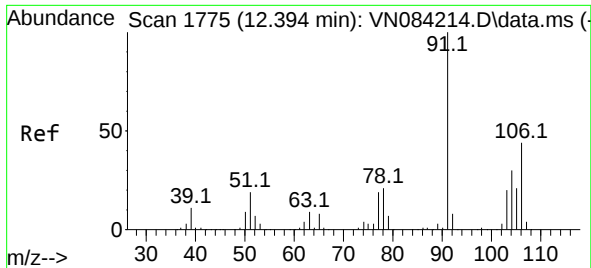
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 0.820 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Tgt Ion:106 Resp: 2768
Ion Ratio Lower Upper
106 100
91 206.0 167.1 250.7





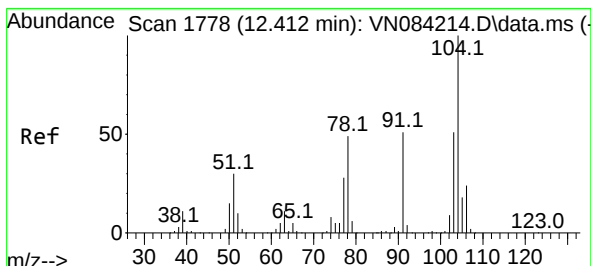
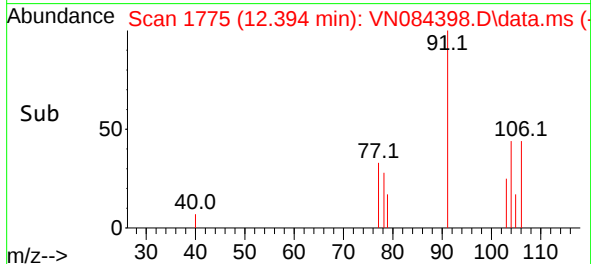
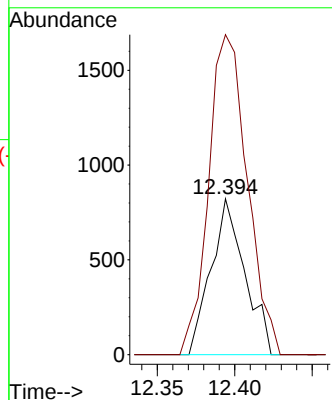
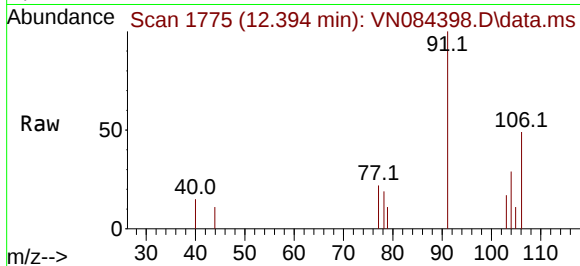
#69
o-Xylene
Concen: 0.391 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:106 Resp: 1248
Ion Ratio Lower Upper
106 100
91 234.7 110.2 330.6

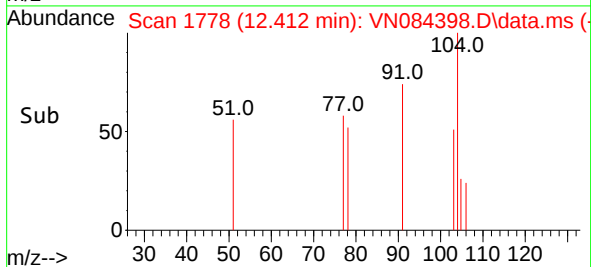
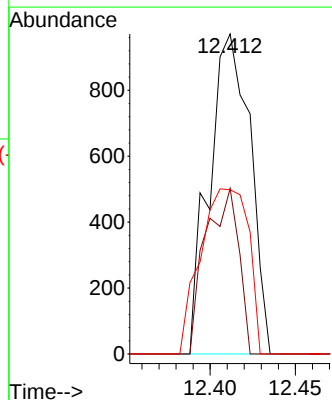
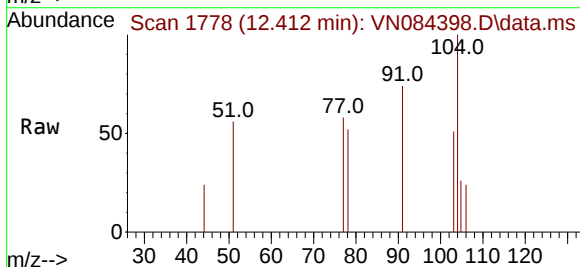
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 0.298 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

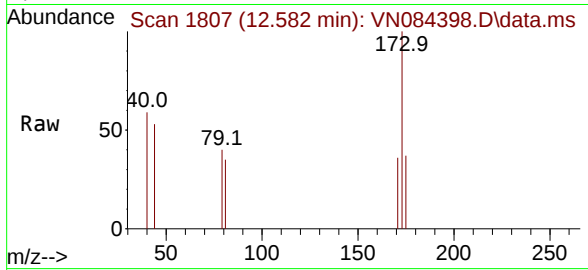
Tgt Ion:104 Resp: 1615
Ion Ratio Lower Upper
104 100
78 41.9 42.7 64.1#
103 60.9 43.6 65.4





#71
Bromoform
Concen: 0.478 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

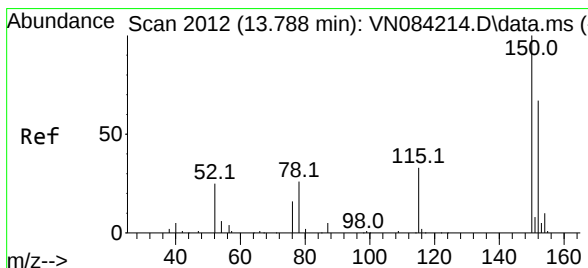
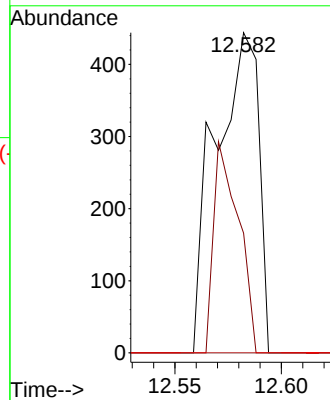
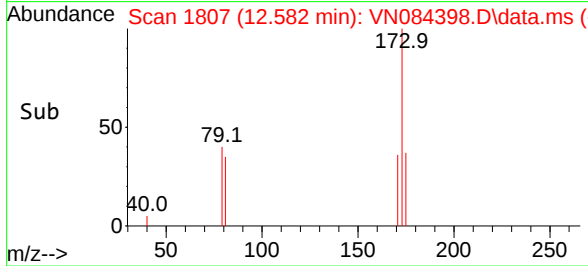
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



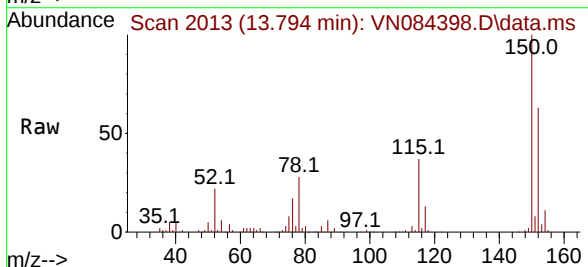
Tgt Ion:173 Resp: 620
Ion Ratio Lower Upper
173 100
175 38.2 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
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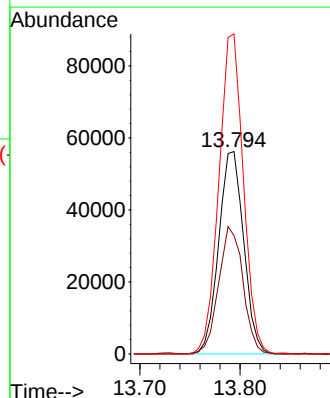
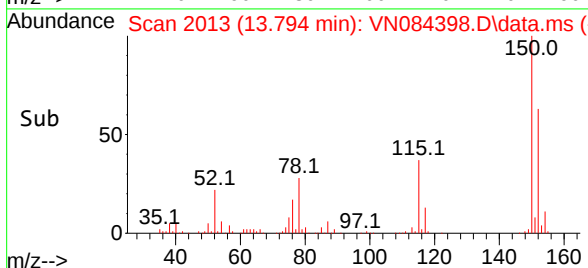
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

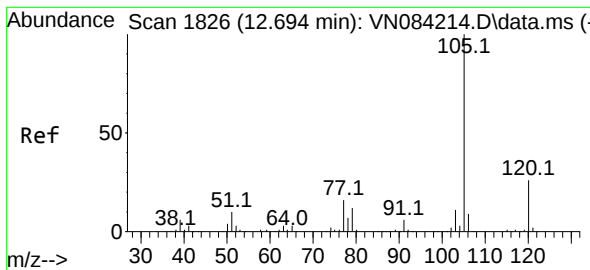


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion:152 Resp: 97264
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.9
150 155.1 0.0 349.8





#73

Isopropylbenzene

Concen: 0.360 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

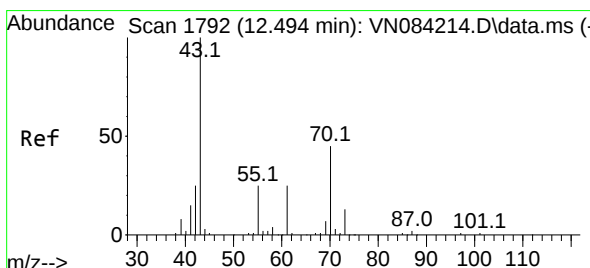
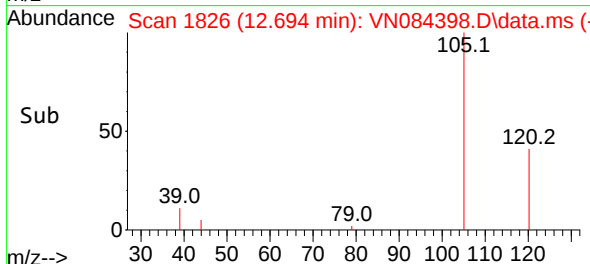
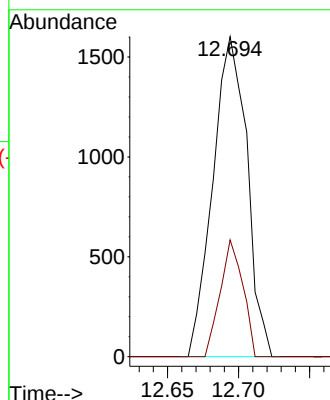
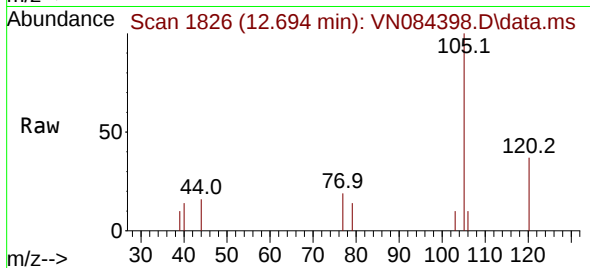
Tgt Ion:105 Resp: 2675
 Ion Ratio Lower Upper
 105 100
 120 24.2 12.9 38.7

Manual Integrations

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Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#74

N-ethyl acetate

Concen: 0.362 ug/l

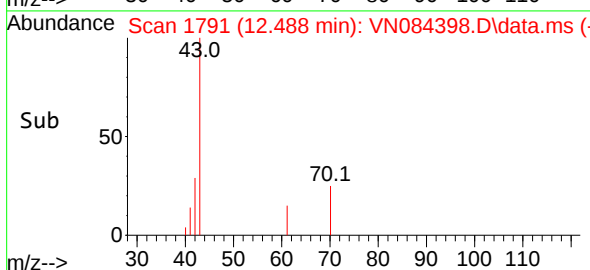
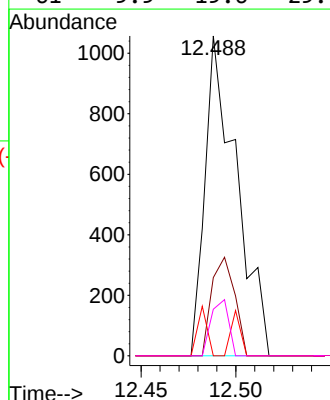
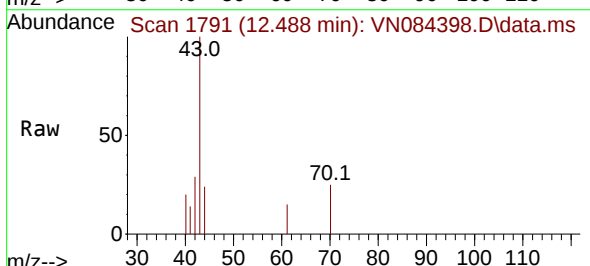
RT: 12.488 min Scan# 1791

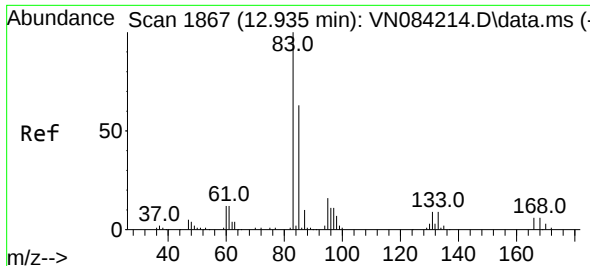
Delta R.T. -0.006 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

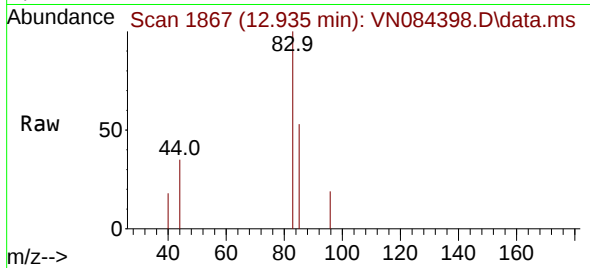
Tgt Ion: 43 Resp: 1215
 Ion Ratio Lower Upper
 43 100
 70 22.7 34.4 51.6#
 55 4.4 19.6 29.4#
 61 9.9 19.6 29.4#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.568 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

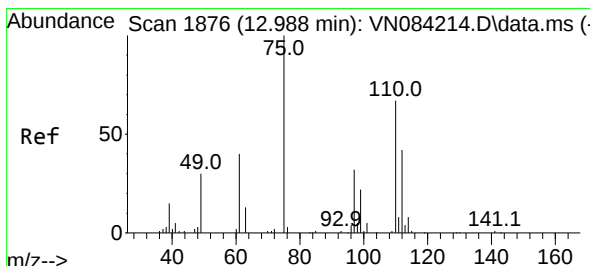
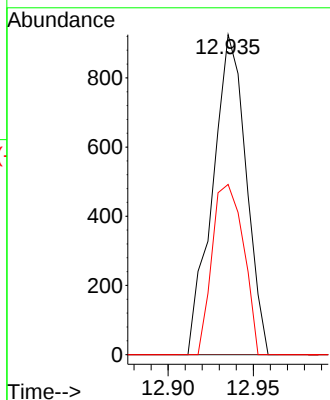
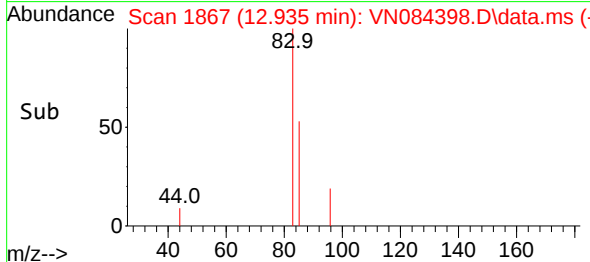
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 83 Resp: 1267
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7
85 49.8 31.9 95.7

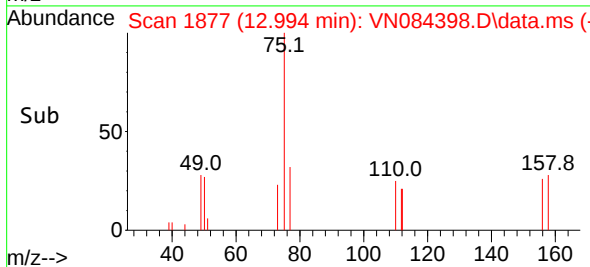
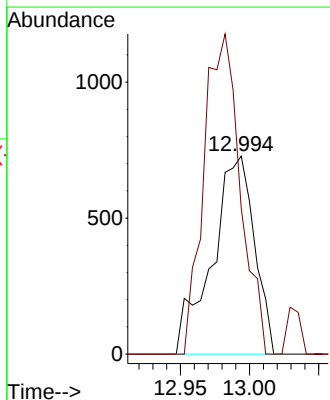
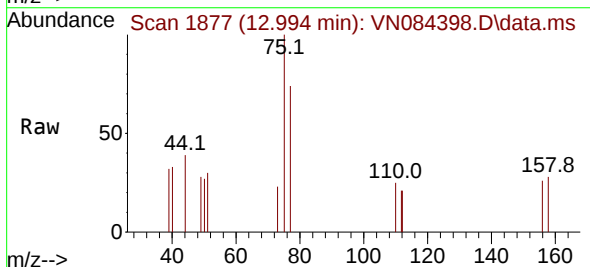
Manual Integrations
APPROVED

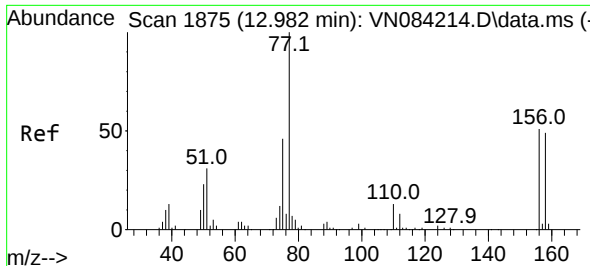
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#76
1,2,3-Trichloropropane
Concen: 0.781 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

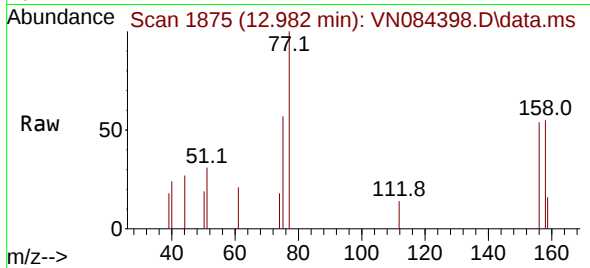
Tgt Ion: 75 Resp: 1551
Ion Ratio Lower Upper
75 100
77 32.3 96.9 290.7#





#77
Bromobenzene
Concen: 0.474 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

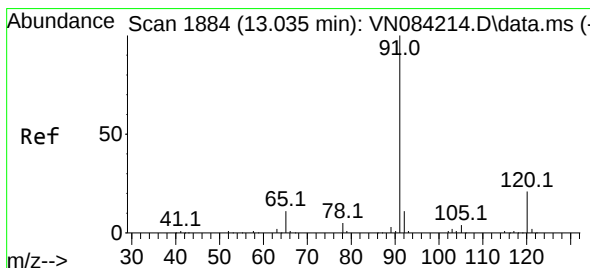
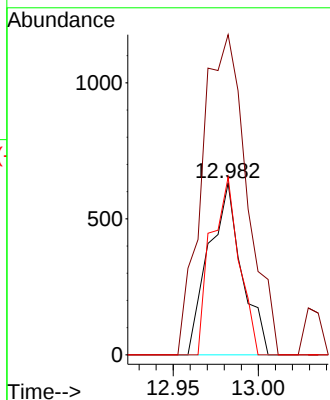
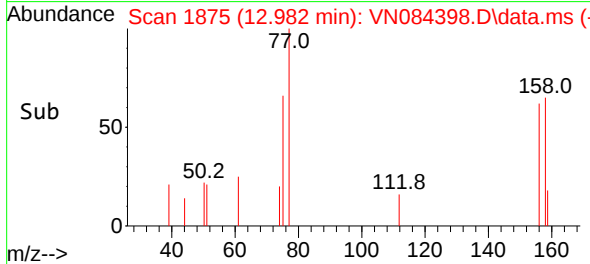
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



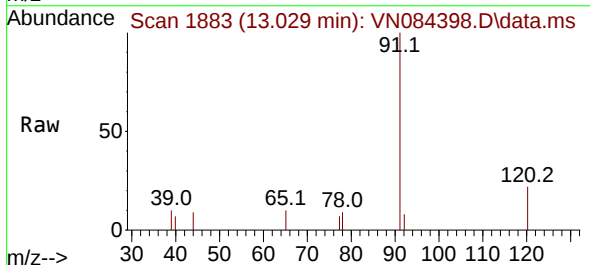
Tgt Ion:156 Resp: 849
Ion Ratio Lower Upper
156 100
77 253.9 115.1 345.3
158 88.0 48.9 146.8

Manual Integrations
APPROVED

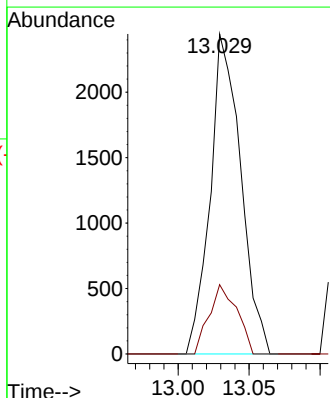
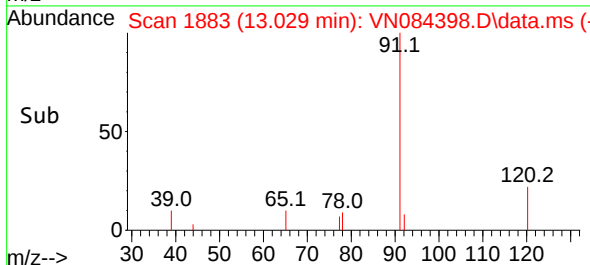
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

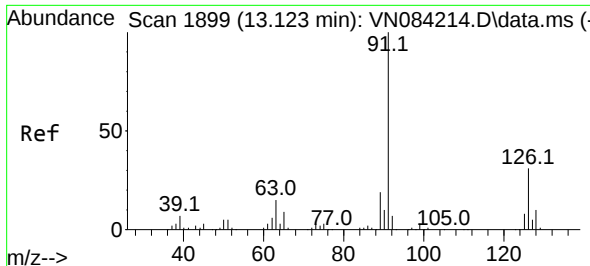


#78
n-propylbenzene
Concen: 0.425 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion: 91 Resp: 3657
Ion Ratio Lower Upper
91 100
120 19.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.454 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

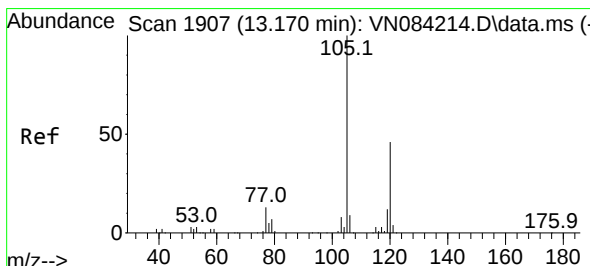
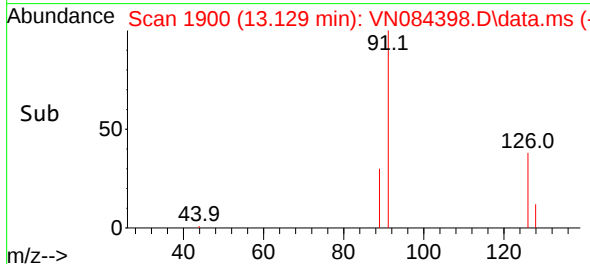
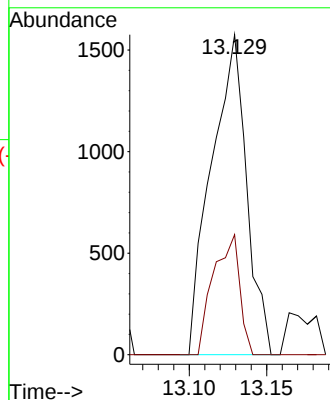
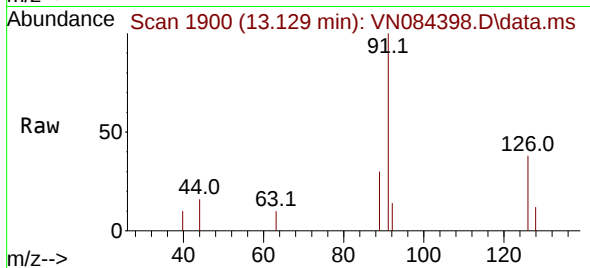
Tgt Ion: 91 Resp: 2489
Ion Ratio Lower Upper
91 100
126 28.0 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.377 ug/l

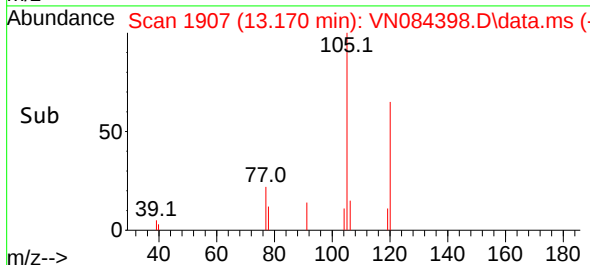
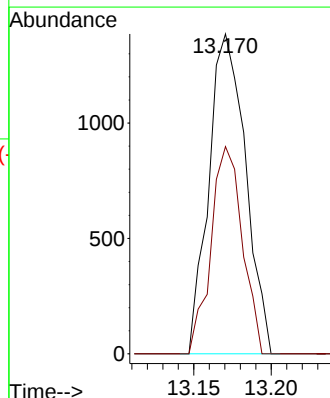
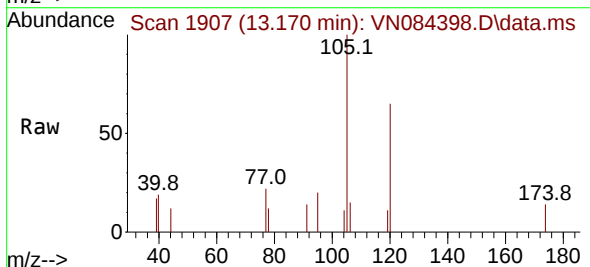
RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084398.D

Acq: 11 Oct 2024 14:16

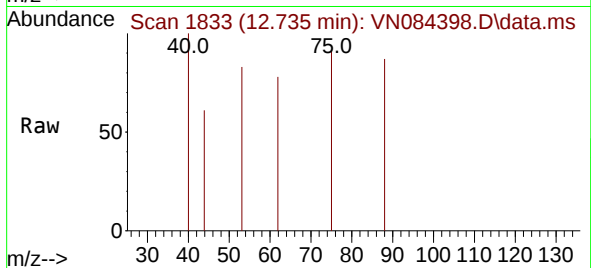
Tgt Ion:105 Resp: 2282
Ion Ratio Lower Upper
105 100
120 55.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 0.176 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

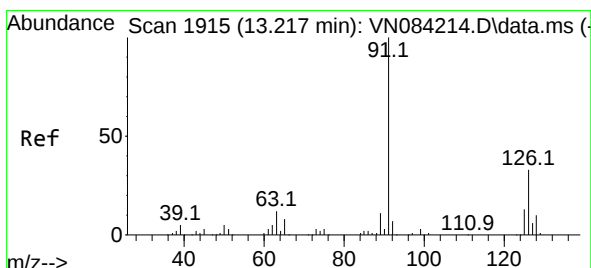
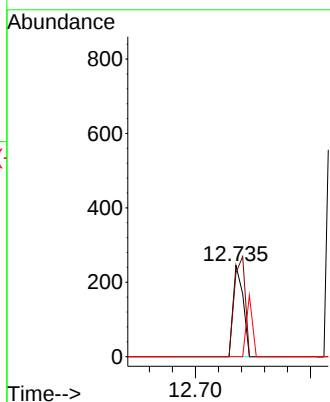
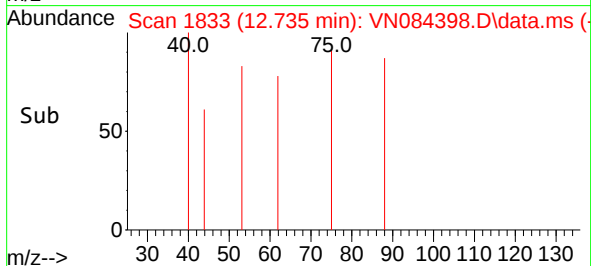
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 35.5 53.3

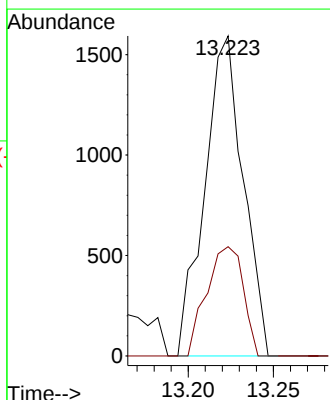
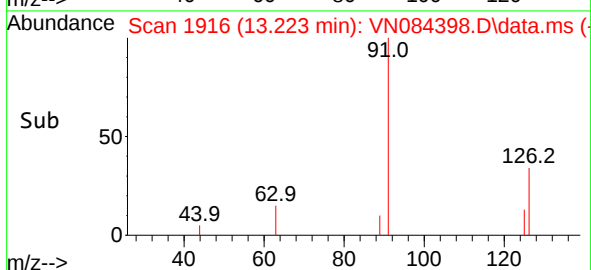
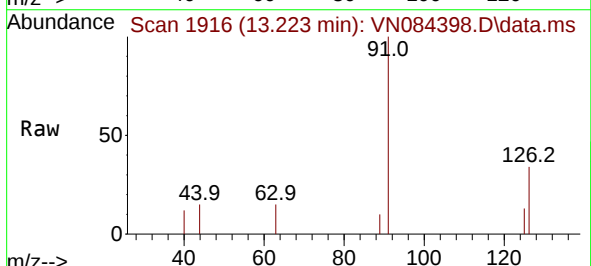
Manual Integrations
APPROVED

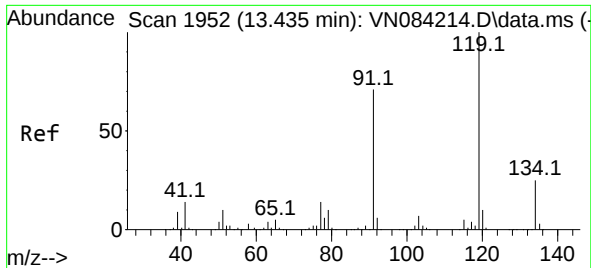
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#82
4-Chlorotoluene
Concen: 0.455 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

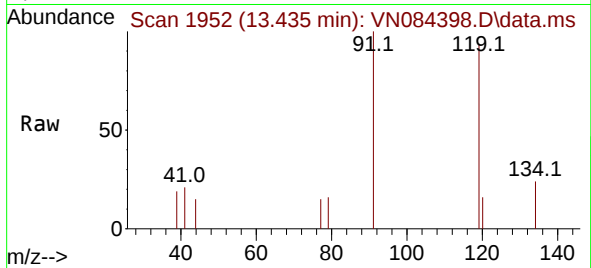
Tgt Ion: 91 Resp: 2513
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1





#83
tert-Butylbenzene
Concen: 0.330 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

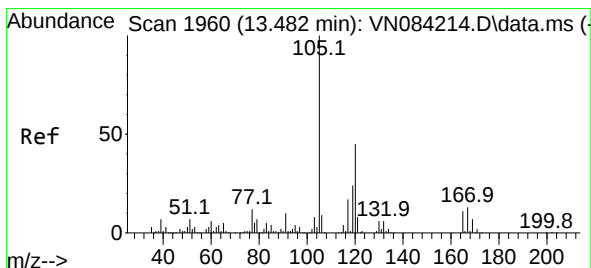
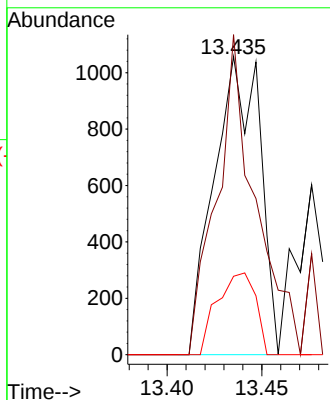
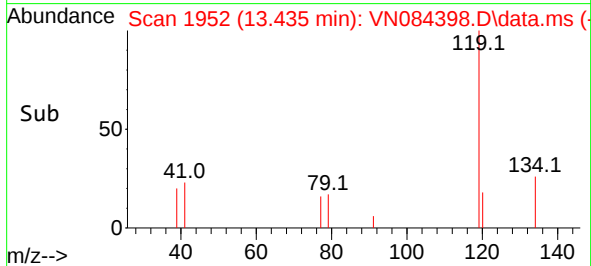
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



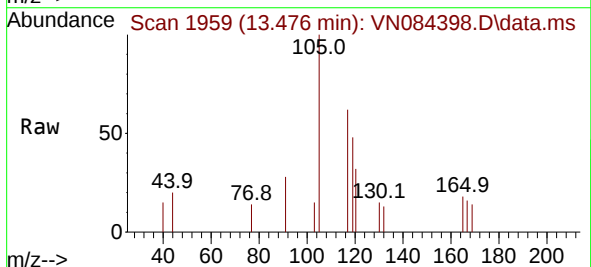
Tgt Ion:119 Resp: 177
Ion Ratio Lower Upper
119 100
91 90.7 34.1 102.3
134 23.0 12.8 38.4

Manual Integrations
APPROVED

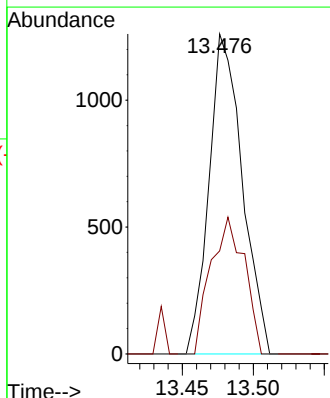
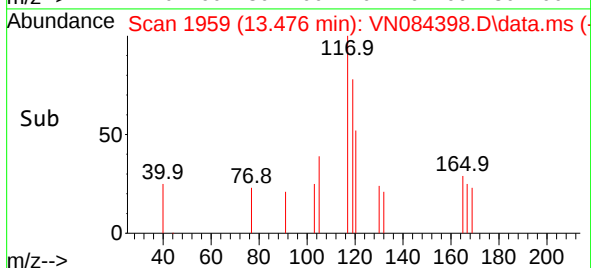
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

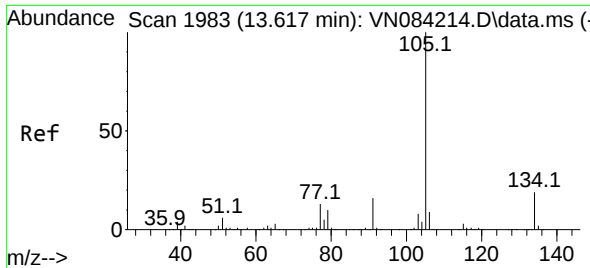


#84
1,2,4-Trimethylbenzene
Concen: 0.336 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



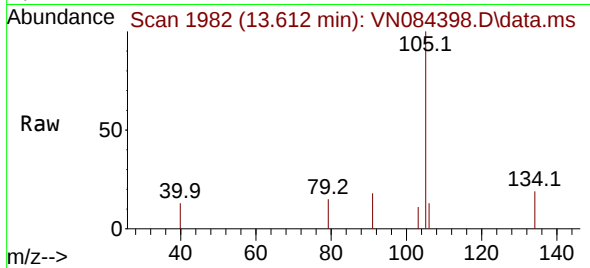
Tgt Ion:105 Resp: 2052
Ion Ratio Lower Upper
105 100
120 43.3 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 0.344 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084398.D
 Acq: 11 Oct 2024 14:16

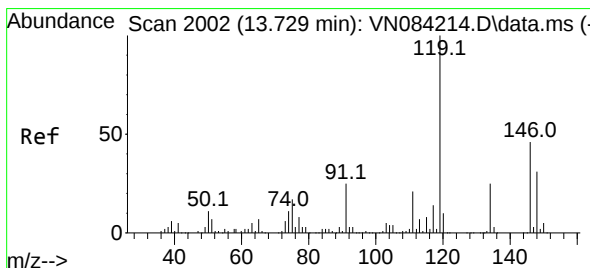
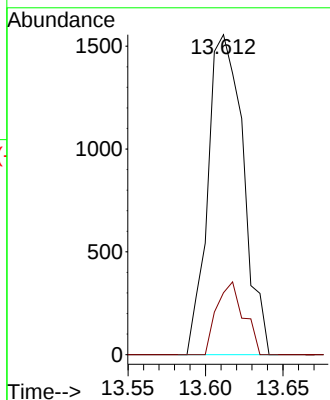
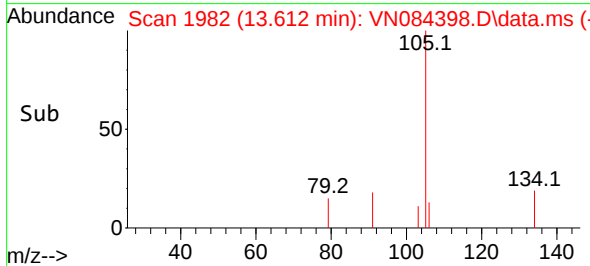
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024



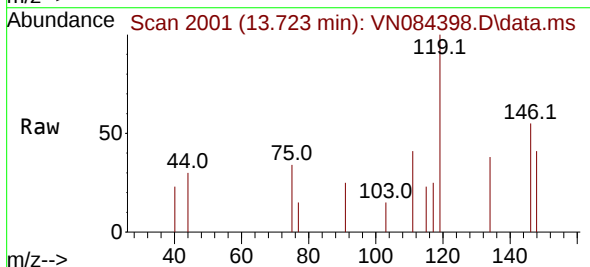
Tgt Ion:105 Resp: 247
 Ion Ratio Lower Upper
 105 100
 134 17.3 9.8 29.4

Manual Integrations
 APPROVED

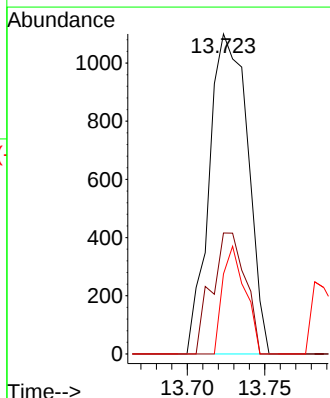
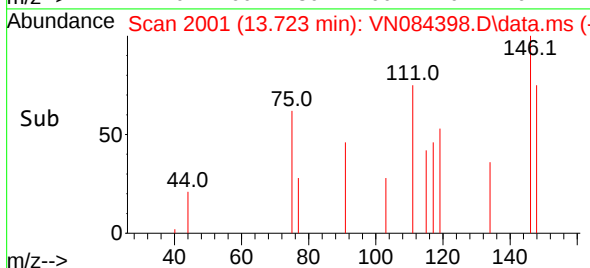
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024

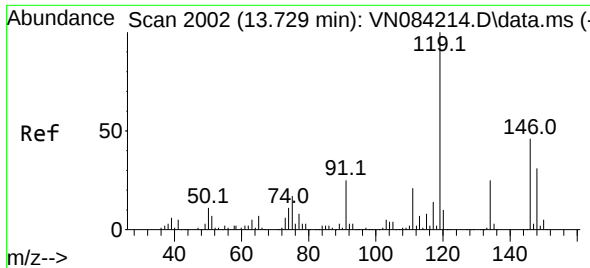


#86
 p-Isopropyltoluene
 Concen: 0.320 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084398.D
 Acq: 11 Oct 2024 14:16



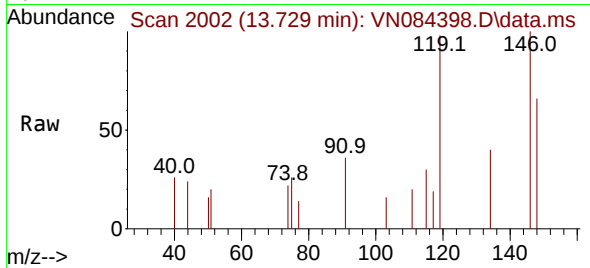
Tgt Ion:119 Resp: 1898
 Ion Ratio Lower Upper
 119 100
 134 32.9 12.6 37.8
 91 19.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 0.384 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

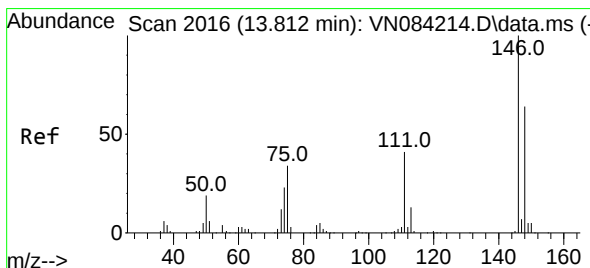
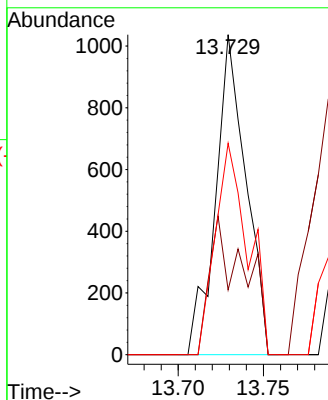
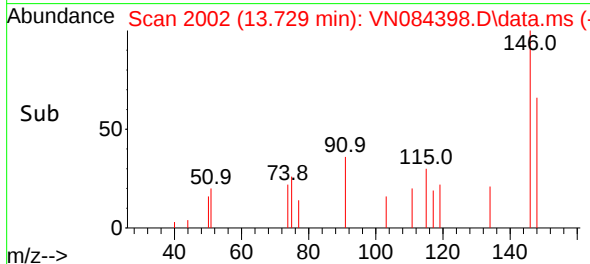
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



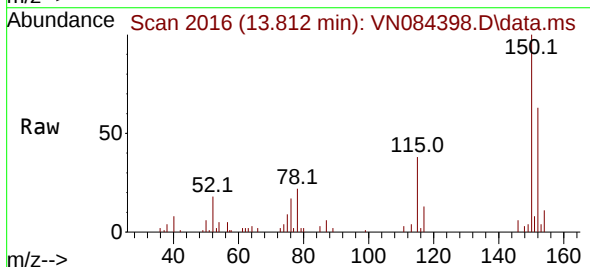
Tgt Ion:146 Resp: 129
Ion Ratio Lower Upper
146 100
111 48.8 21.8 65.3
148 70.3 31.9 95.7

Manual Integrations
APPROVED

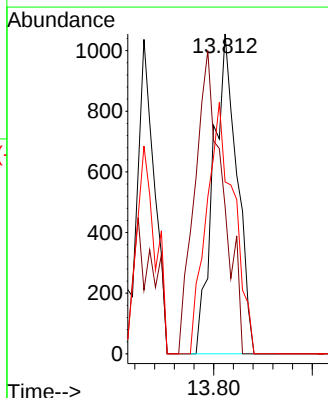
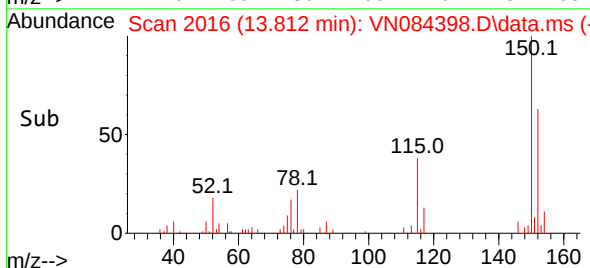
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

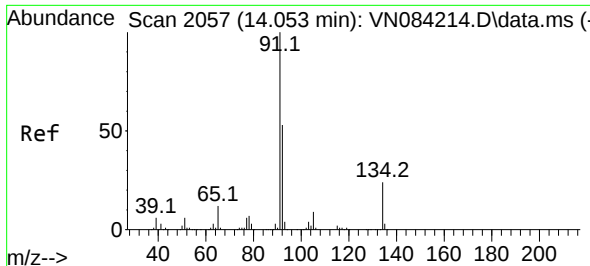


#88
1,4-Dichlorobenzene
Concen: 0.520 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion:146 Resp: 1763
Ion Ratio Lower Upper
146 100
111 35.7 21.2 63.6
148 51.4 31.9 95.9





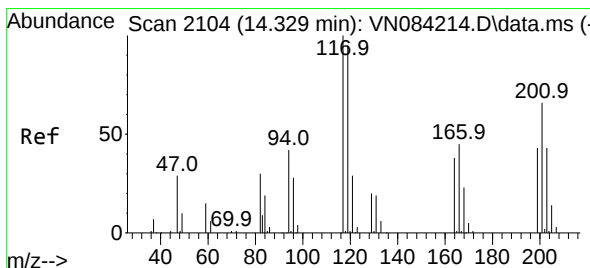
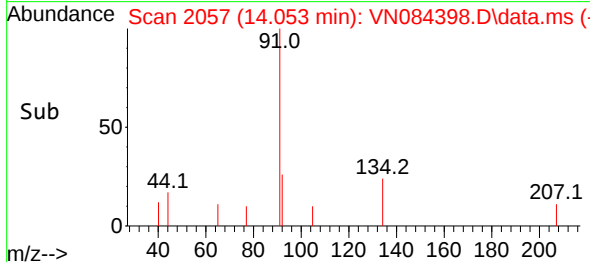
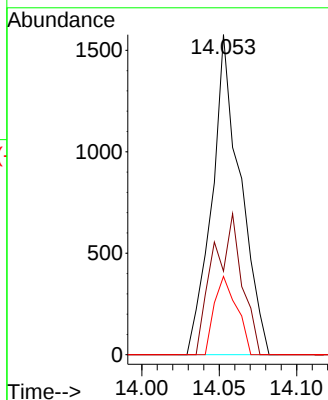
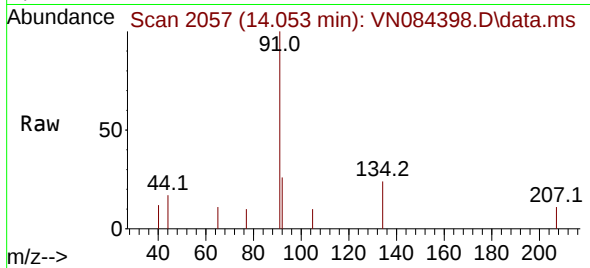
#89
n-Butylbenzene
Concen: 0.374 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:	91	Resp:	201
Ion	Ratio	Lower	Upper
91	100		
92	44.3	26.6	79.7
134	19.3	12.3	36.9

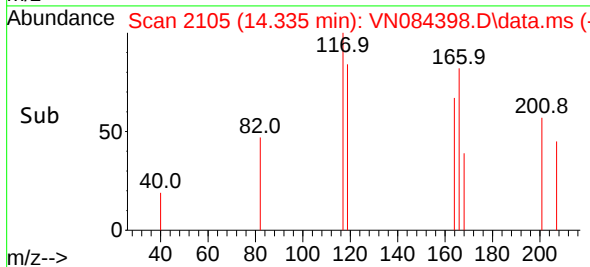
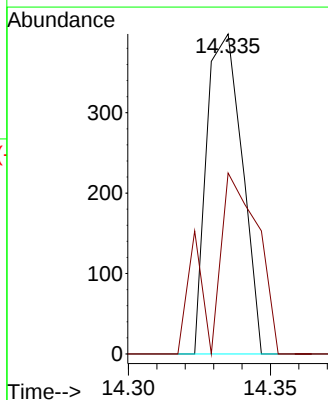
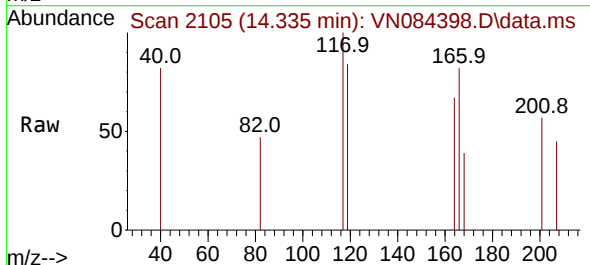
Manual Integrations
APPROVED

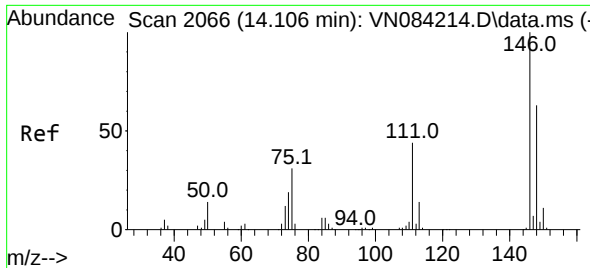
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#90
Hexachloroethane
Concen: 0.286 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

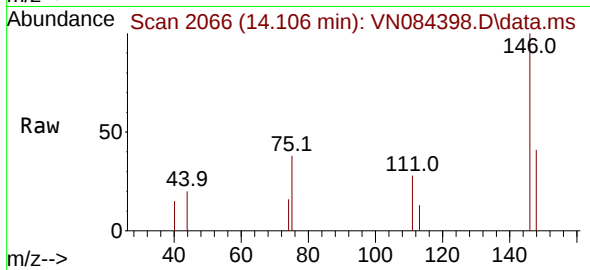
Tgt Ion:	117	Resp:	345
Ion	Ratio	Lower	Upper
117	100		
201	73.3	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 0.497 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

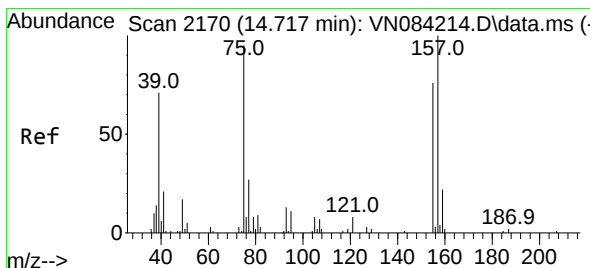
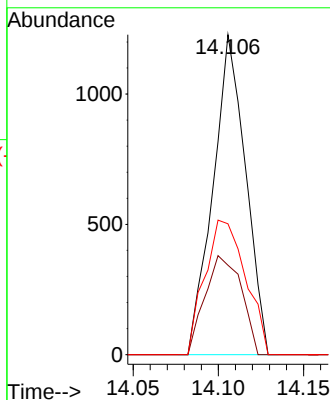
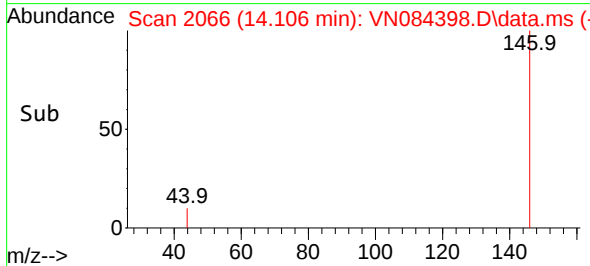
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



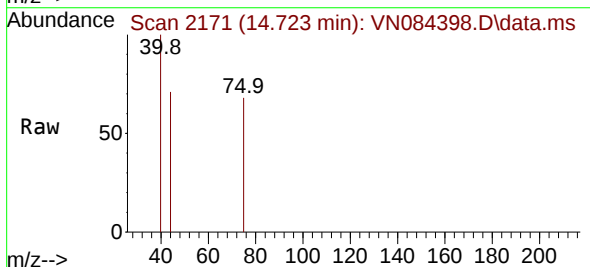
Tgt Ion:146 Resp: 1630
Ion Ratio Lower Upper
146 100
111 34.4 22.0 66.0
148 52.5 32.1 96.3

Manual Integrations
APPROVED

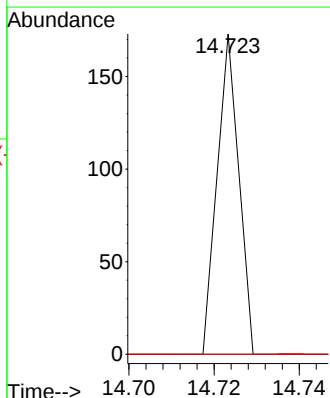
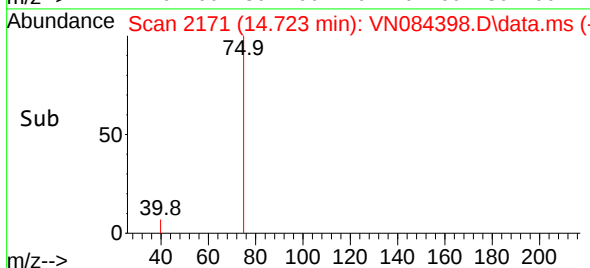
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

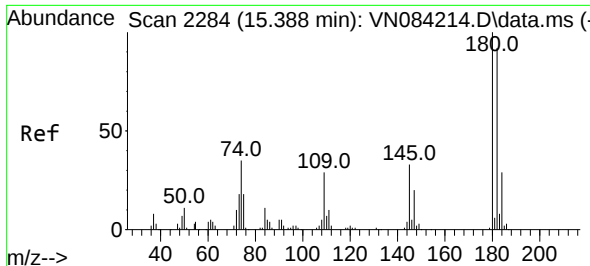


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.132 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



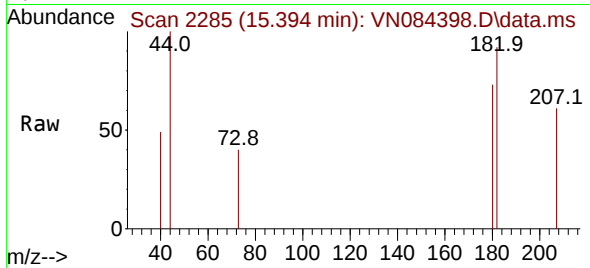
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5#
157 0.0 49.6 149.0#





#93
1,2,4-Trichlorobenzene
Concen: 0.293 ug/l
RT: 15.394 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

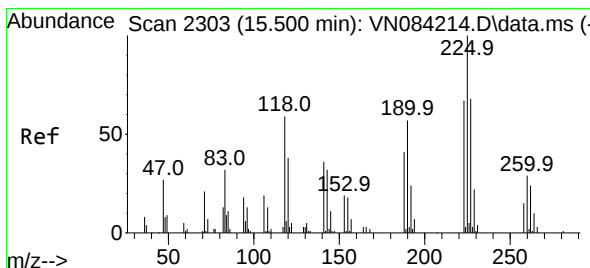
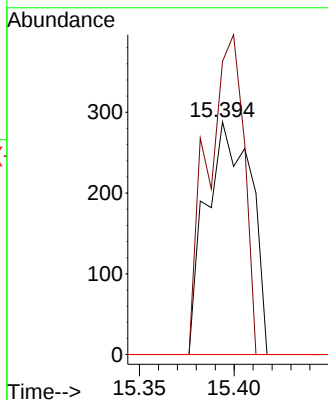
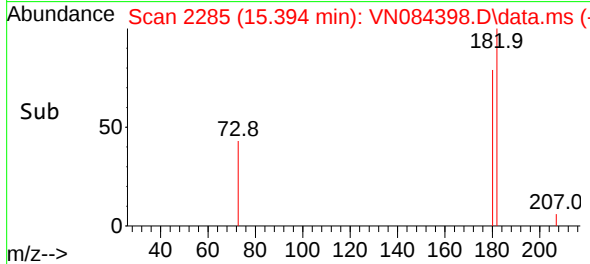
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



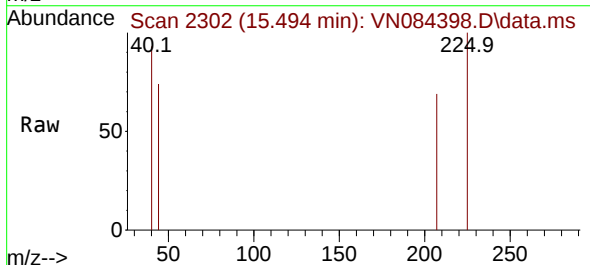
Tgt Ion:180 Resp: 470
Ion Ratio Lower Upper
180 100
182 110.7 47.0 141.0
145 0.0 16.4 49.4

Manual Integrations
APPROVED

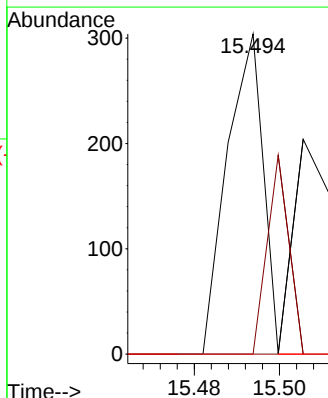
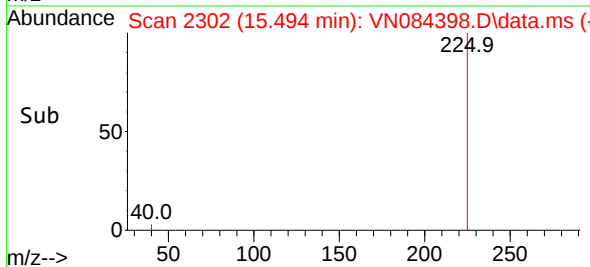
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

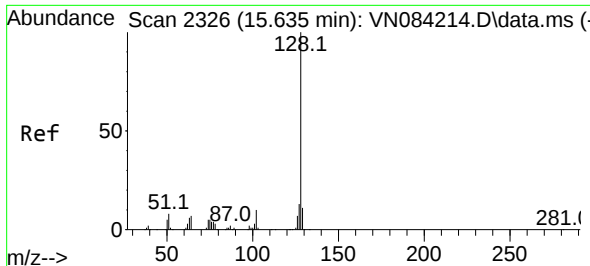


#94
Hexachlorobutadiene
Concen: 0.220 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



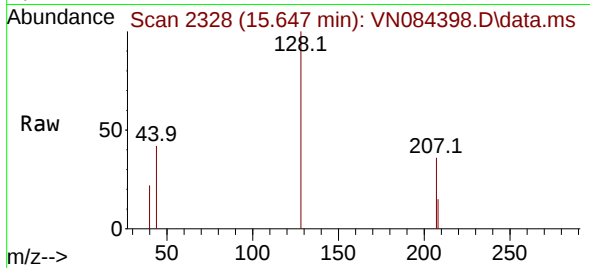
Tgt Ion:225 Resp: 178
Ion Ratio Lower Upper
225 100
223 37.6 32.4 97.2
227 0.0 32.4 97.0





#95
Naphthalene
Concen: 0.333 ug/l
RT: 15.647 min Scan# 2326
Delta R.T. 0.012 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16

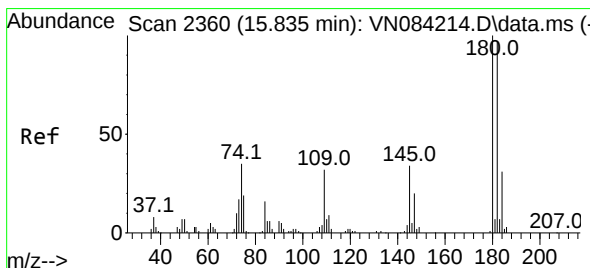
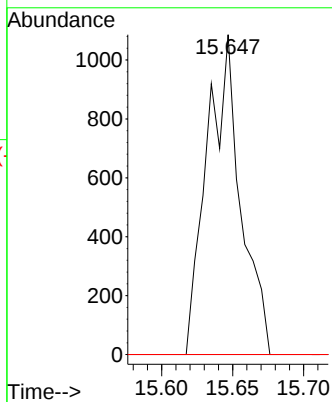
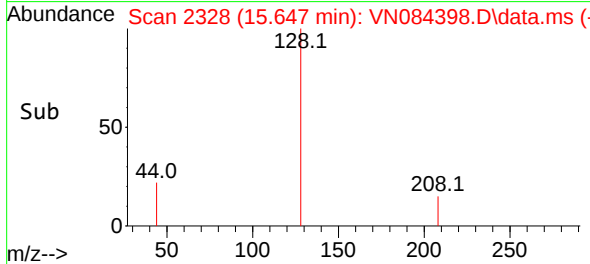
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



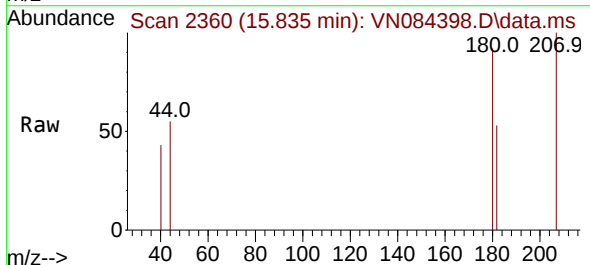
Tgt Ion:128 Resp: 1790
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7
129 0.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.320 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084398.D
Acq: 11 Oct 2024 14:16



Tgt Ion:180 Resp: 519
Ion Ratio Lower Upper
180 100
182 68.4 48.2 144.6
145 14.8 17.3 51.9

