

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084383.D
 Acq On : 10 Oct 2024 12:39
 Operator : JC\MD
 Sample : P4368-07 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 11 05:27:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	124517	53.790	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.580%			
35) Dibromofluoromethane	8.171	113	99315	53.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.240%			
50) Toluene-d8	10.565	98	336487	49.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.760%			
62) 4-Bromofluorobenzene	12.847	95	109306	44.032	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	376	0.204	ug/l #	39
3) Chloromethane	2.359	50	640	0.304	ug/l	91
4) Vinyl Chloride	2.512	62	585	0.286	ug/l #	59
5) Bromomethane	2.983	94	706	0.524	ug/l #	68
6) Chloroethane	3.112	64	1722m	1.177	ug/l	
7) Trichlorofluoromethane	3.495	101	559	0.176	ug/l	87
8) Diethyl Ether	3.959	74	63	0.053	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	4.377	101	150	0.082	ug/l #	71
10) Methyl Iodide	4.594	142	548	0.233	ug/l #	40
11) Tert butyl alcohol	5.506	59	272	0.713	ug/l #	73
12) 1,1-Dichloroethene	4.336	96	123	0.070	ug/l #	66
13) Acrolein	4.177	56	170	0.388	ug/l #	14
14) Allyl chloride	5.024	41	339	0.111	ug/l #	36
15) Acrylonitrile	5.730	53	763	0.792	ug/l #	64
16) Acetone	4.436	43	1380	1.388	ug/l #	44
17) Carbon Disulfide	4.706	76	1478	0.266	ug/l #	75
18) Methyl Acetate	5.024	43	674	0.311	ug/l #	51
19) Methyl tert-butyl Ether	5.800	73	728	0.123	ug/l #	54
20) Methylene Chloride	5.271	84	498	0.246	ug/l #	43
21) trans-1,2-Dichloroethene	5.789	96	157	0.085	ug/l #	1
22) Diisopropyl ether	6.677	45	876	0.139	ug/l #	68
23) Vinyl Acetate	6.606	43	4057	0.866	ug/l #	72
24) 1,1-Dichloroethane	6.559	63	533	0.151	ug/l #	83
25) 2-Butanone	7.482	43	1588	1.172	ug/l #	48
26) 2,2-Dichloropropane	7.477	77	218	0.068	ug/l #	54
27) cis-1,2-Dichloroethene	7.488	96	369	0.166	ug/l	80
28) Bromochloromethane	7.800	49	62	0.039	ug/l #	64
29) Tetrahydrofuran	7.859	42	449	0.537	ug/l #	86
30) Chloroform	7.959	83	714	0.195	ug/l #	73
31) Cyclohexane	8.224	56	4066	1.186	ug/l #	1
32) 1,1,1-Trichloroethane	8.159	97	512	0.155	ug/l #	41
36) 1,1-Dichloropropene	8.377	75	588	0.219	ug/l #	42
37) Ethyl Acetate	7.565	43	305	0.111	ug/l #	69
38) Carbon Tetrachloride	8.359	117	638	0.216	ug/l #	67
39) Methylcyclohexane	9.600	83	509	0.170	ug/l #	88
40) Benzene	8.600	78	1859	0.222	ug/l #	51

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.677	62	896	0.315	ug/l #	75
43) Isopropyl Acetate	8.682	43	3203	0.592	ug/l #	56
44) Trichloroethene	9.359	130	721	0.368	ug/l	67
45) 1,2-Dichloropropane	9.624	63	291	0.147	ug/l #	44
46) Dibromomethane	9.712	93	81	0.061	ug/l #	20
47) Bromodichloromethane	9.888	83	632	0.213	ug/l #	24
48) Methyl methacrylate	9.682	41	349	0.162	ug/l #	25
49) 1,4-Dioxane	9.706	88	58m	1.464	ug/l	
51) 4-Methyl-2-Pentanone	10.441	43	2540	0.967	ug/l #	86
52) Toluene	10.629	92	1025	0.201	ug/l	85
53) t-1,3-Dichloropropene	10.835	75	590	0.195	ug/l #	43
54) cis-1,3-Dichloropropene	10.318	75	621	0.191	ug/l #	35
55) 1,1,2-Trichloroethane	11.018	97	270	0.147	ug/l #	60
56) Ethyl methacrylate	10.871	69	774	0.257	ug/l #	58
57) 1,3-Dichloropropane	11.159	76	594	0.181	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	985	0.704	ug/l	93
59) 2-Hexanone	11.194	43	1947	0.991	ug/l	80
60) Dibromochloromethane	11.359	129	404	0.187	ug/l #	55
61) 1,2-Dibromoethane	11.470	107	368	0.193	ug/l #	76
64) Tetrachloroethene	11.112	164	282	0.166	ug/l #	54
65) Chlorobenzene	11.894	112	1255	0.232	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.970	131	55	0.029	ug/l #	1
67) Ethyl Benzene	11.970	91	1817	0.190	ug/l #	78
68) m/p-Xylenes	12.070	106	1291	0.364	ug/l	87
69) o-Xylene	12.400	106	448	0.134	ug/l	43
70) Styrene	12.412	104	757	0.133	ug/l	89
71) Bromoform	12.582	173	325	0.236	ug/l #	30
73) Isopropylbenzene	12.694	105	1359	0.177	ug/l	88
74) N-amyl acetate	12.488	43	458	0.131	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.941	83	691	0.299	ug/l #	87
76) 1,2,3-Trichloropropane	13.000	75	614m	0.298	ug/l	
77) Bromobenzene	12.976	156	459	0.247	ug/l	87
78) n-propylbenzene	13.035	91	1910	0.214	ug/l	89
79) 2-Chlorotoluene	13.217	91	1472	0.259	ug/l	77
80) 1,3,5-Trimethylbenzene	13.170	105	972	0.155	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	61m	0.071	ug/l	
82) 4-Chlorotoluene	13.217	91	1472	0.257	ug/l	77
83) tert-Butylbenzene	13.435	119	1244	0.223	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.488	105	1052	0.166	ug/l	84
85) sec-Butylbenzene	13.612	105	1273	0.171	ug/l	89
86) p-Isopropyltoluene	13.735	119	1060	0.172	ug/l	87
87) 1,3-Dichlorobenzene	13.723	146	806	0.231	ug/l	92
88) 1,4-Dichlorobenzene	13.812	146	1148m	0.326	ug/l	
89) n-Butylbenzene	14.047	91	1028	0.184	ug/l	89
90) Hexachloroethane	14.341	117	53m	0.042	ug/l	
91) 1,2-Dichlorobenzene	14.106	146	754	0.221	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	471	0.280	ug/l #	77
94) Hexachlorobutadiene	15.500	225	374	0.446	ug/l #	18
95) Naphthalene	15.647	128	2528	0.453	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.841	180	340	0.202	ug/l #	65

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

Instrument :
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LOD-MDL-WATER-01-QT4-2024

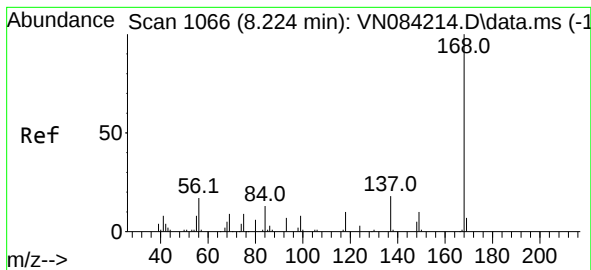
Manual Integrations
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Supervised By :Mahesh Dadoda 10/14/2024

Manual Integrations

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:168 Resp: 15612

Ion Ratio Lower Upper

168 100

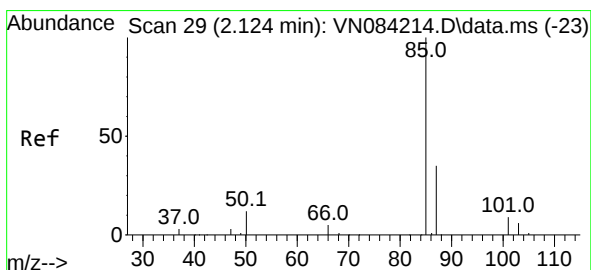
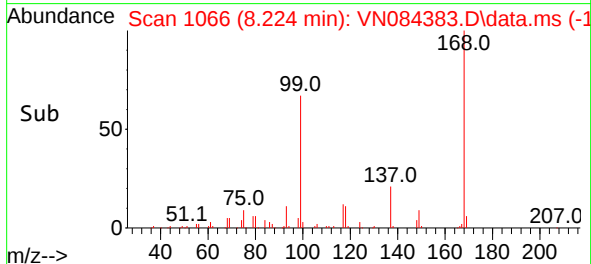
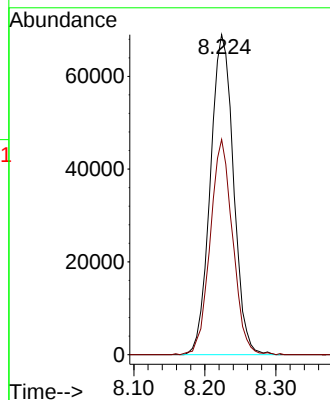
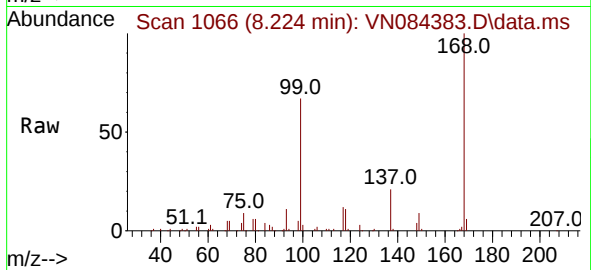
99 67.2 54.2 81.2

Manual Integrations

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Supervised By :Mahesh Dadoda 10/14/2024



#2

Dichlorodifluoromethane

Concen: 0.204 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN084383.D

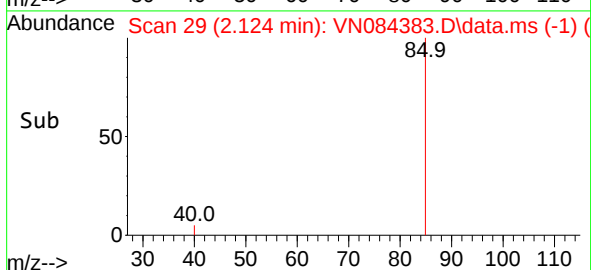
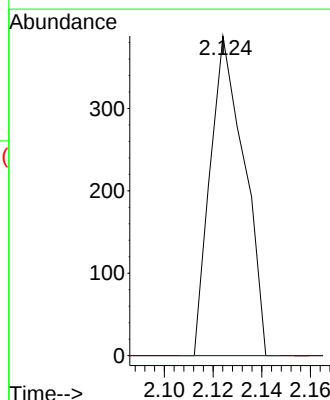
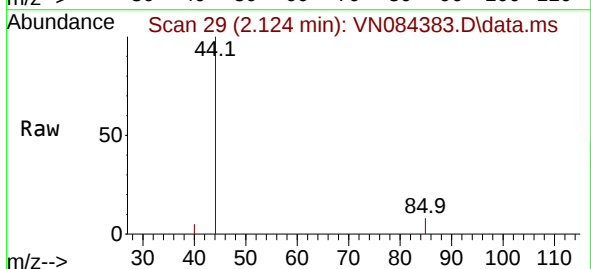
Acq: 10 Oct 2024 12:39

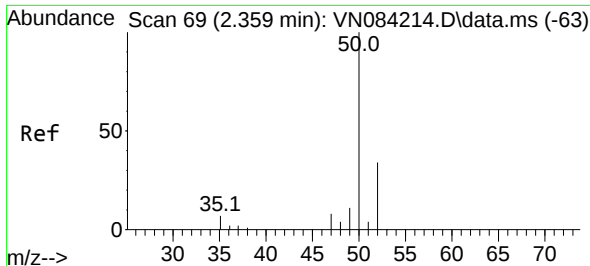
Tgt Ion: 85 Resp: 376

Ion Ratio Lower Upper

85 100

87 0.0 17.6 52.9





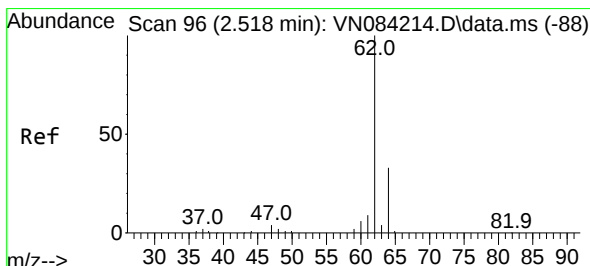
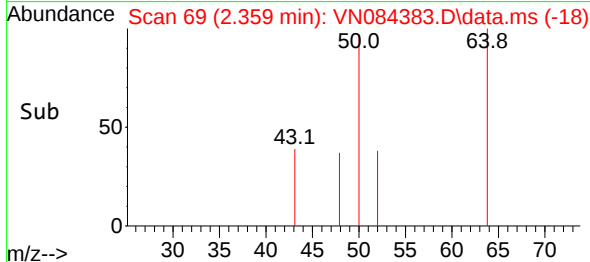
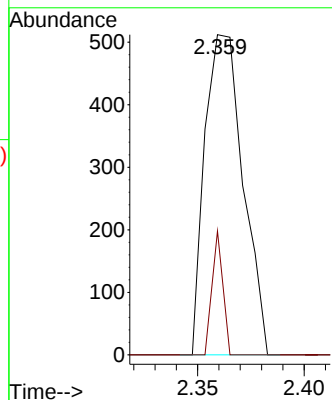
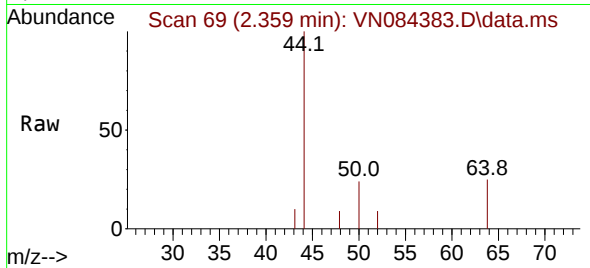
#3
Chloromethane
Concen: 0.304 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 50 Resp: 640
Ion Ratio Lower Upper
50 100
52 38.7 26.8 40.2

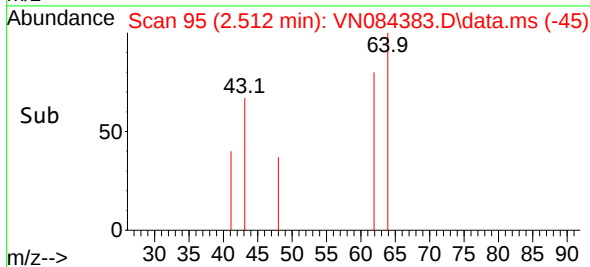
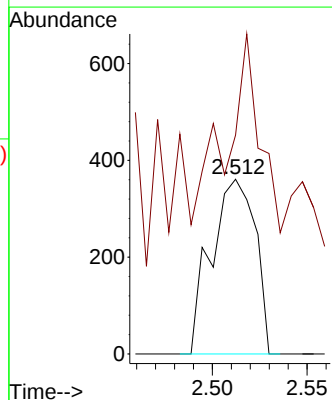
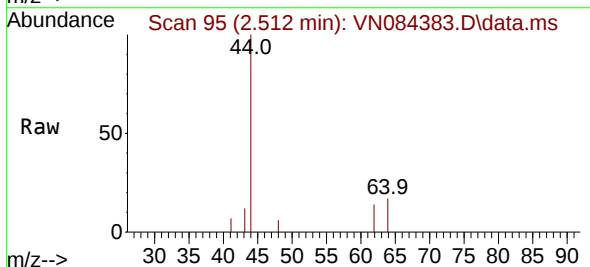
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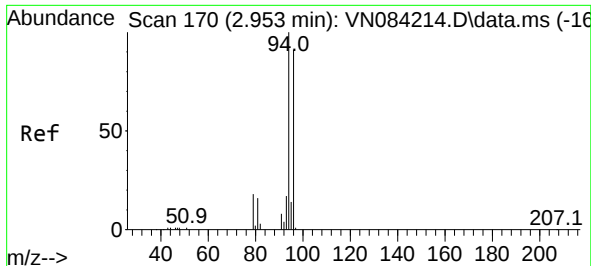
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#4
Vinyl Chloride
Concen: 0.286 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

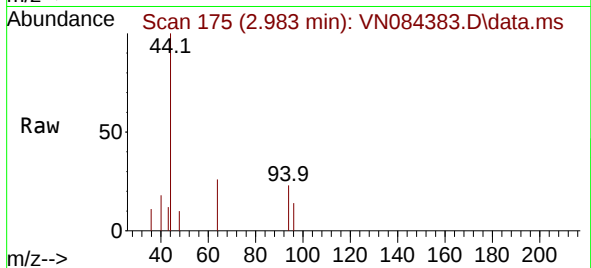
Tgt Ion: 62 Resp: 585
Ion Ratio Lower Upper
62 100
64 56.0 26.2 39.4#





#5
Bromomethane
Concen: 0.524 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

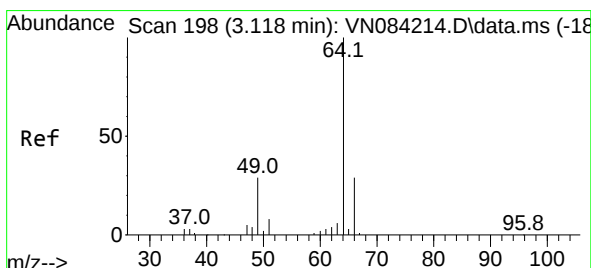
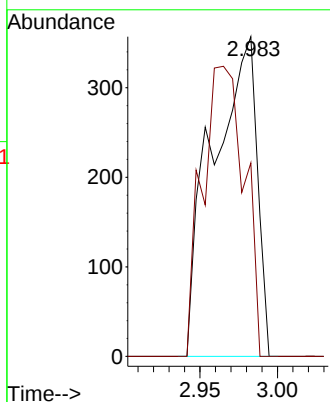
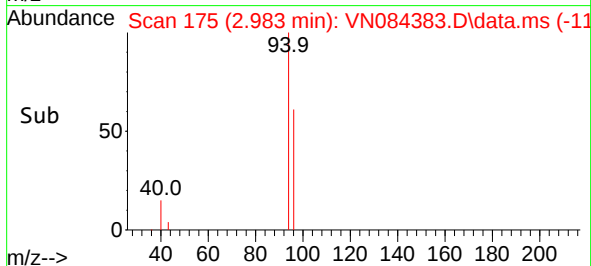
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Tgt Ion: 94 Resp: 700
Ion Ratio Lower Upper
94 100
96 60.5 72.9 109.3

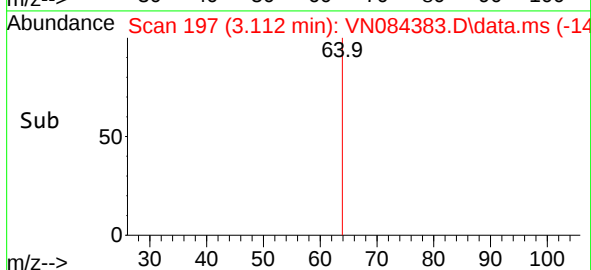
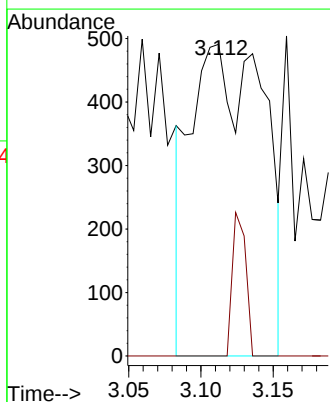
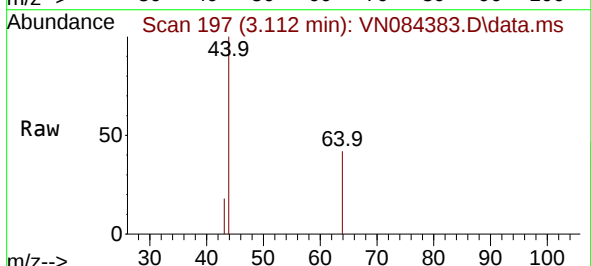
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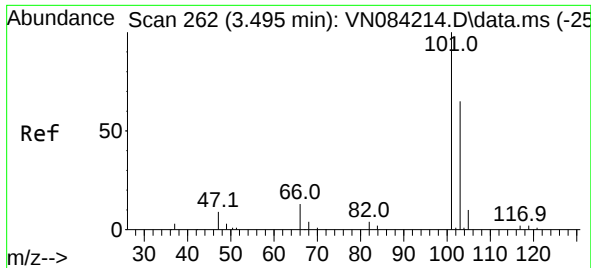
Reviewed By :John Carlone 10/11/2024
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#6
Chloroethane
Concen: 1.177 ug/l m
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

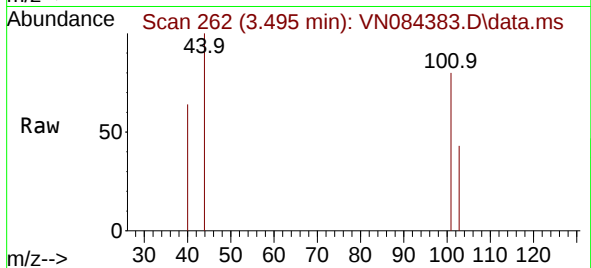
Tgt Ion: 64 Resp: 1722
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3





#7
Trichlorofluoromethane
Concen: 0.176 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

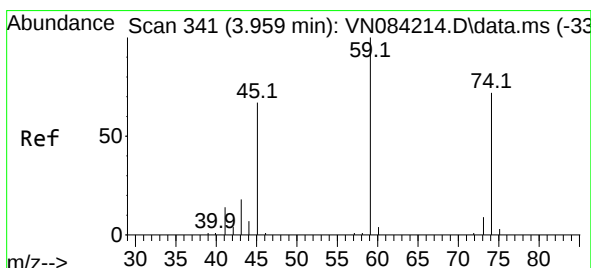
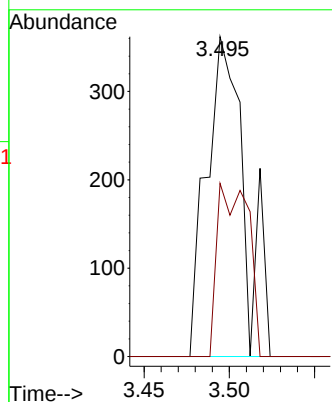
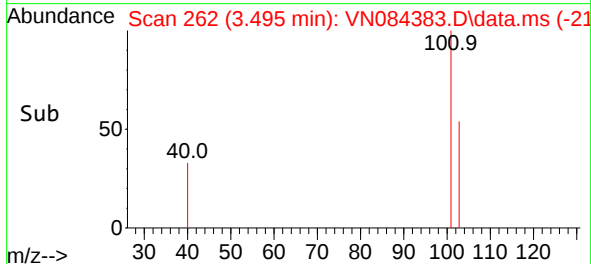
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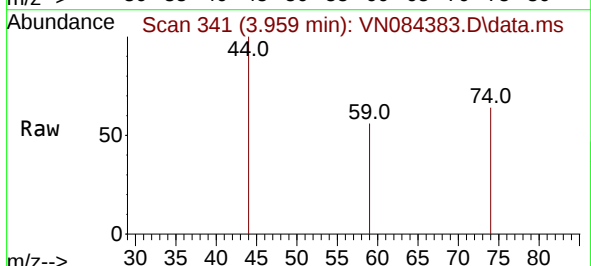
Tgt Ion:101 Resp: 559
Ion Ratio Lower Upper
101 100
103 54.1 51.8 77.6

Manual Integrations
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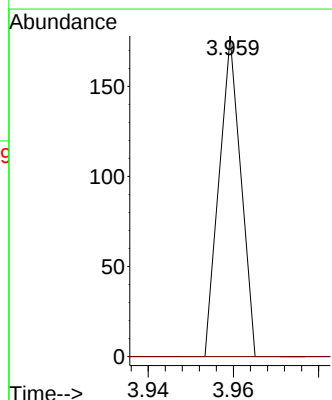
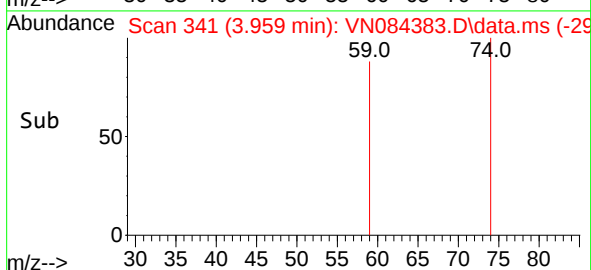
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

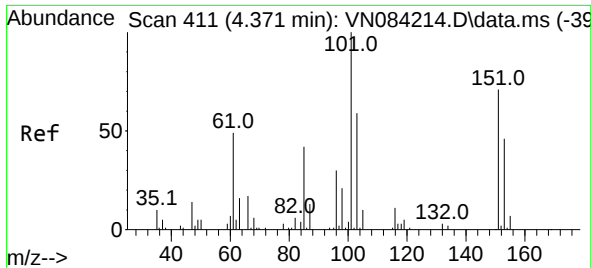


#8
Diethyl Ether
Concen: 0.053 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion: 74 Resp: 63
Ion Ratio Lower Upper
74 100
45 0.0 47.7 143.1#





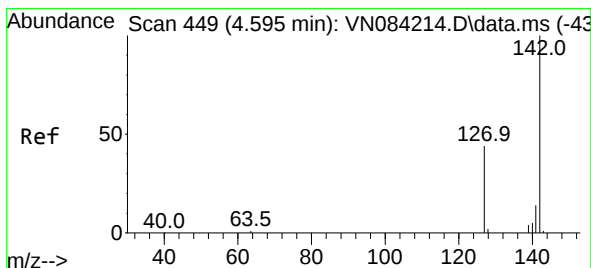
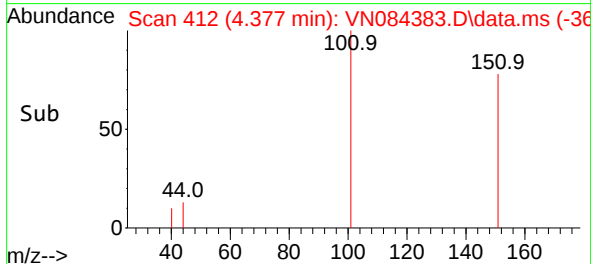
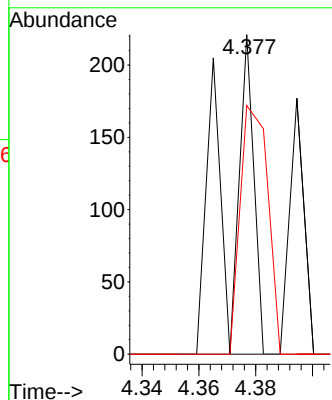
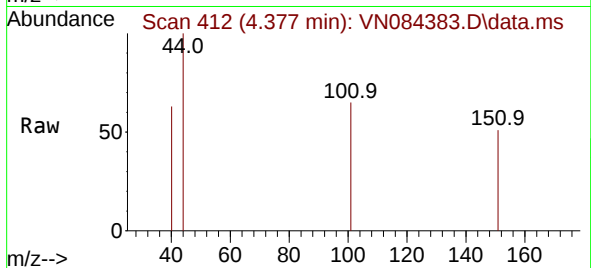
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.082 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 150
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 77.3 59.3 88.9

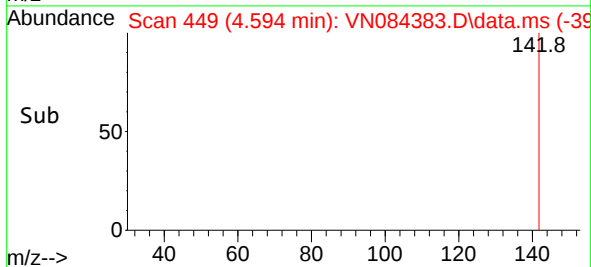
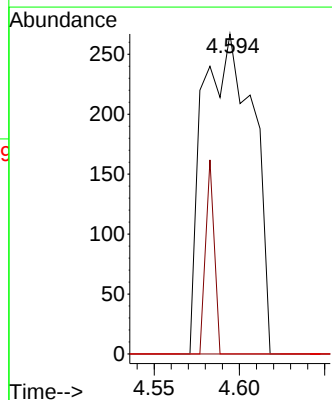
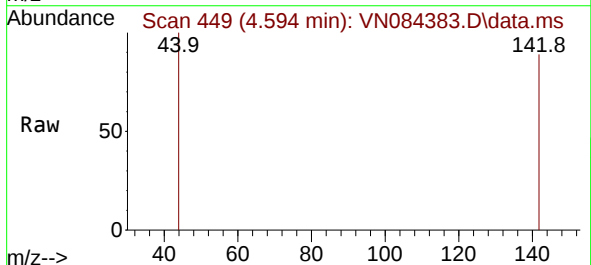
Manual Integrations
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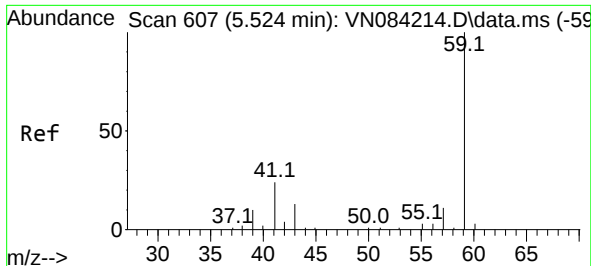
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

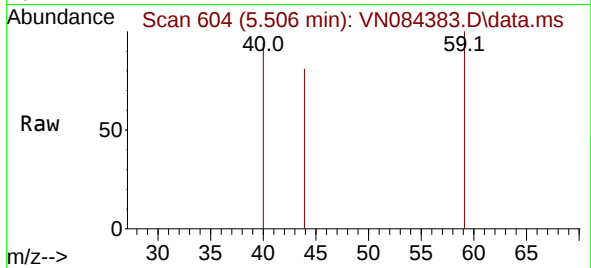
Tgt Ion:142 Resp: 548
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#





#11
Tert butyl alcohol
Concen: 0.713 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

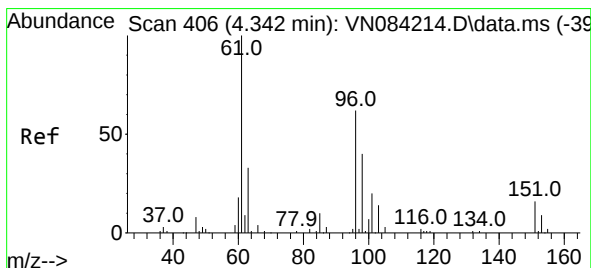
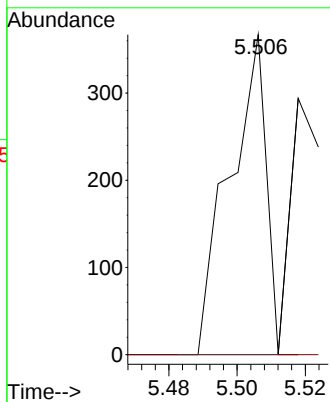
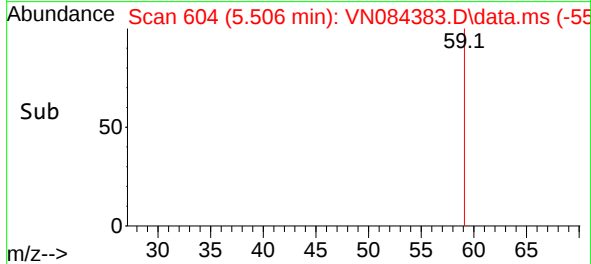
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



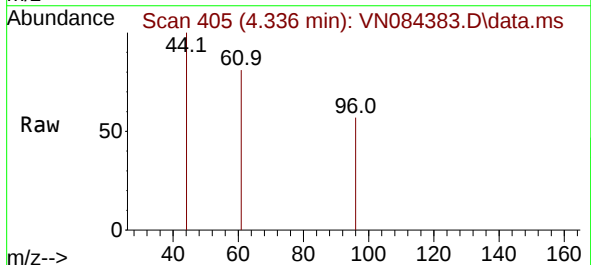
Tgt Ion: 59 Resp: 272
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

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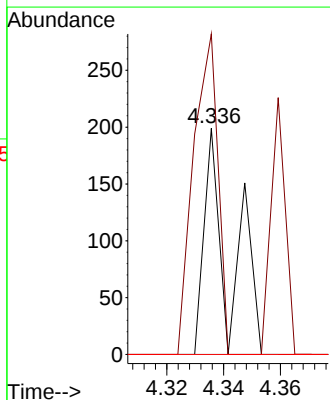
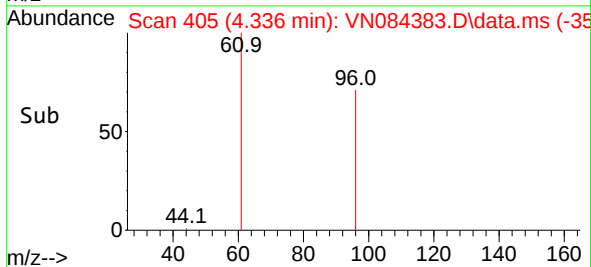
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

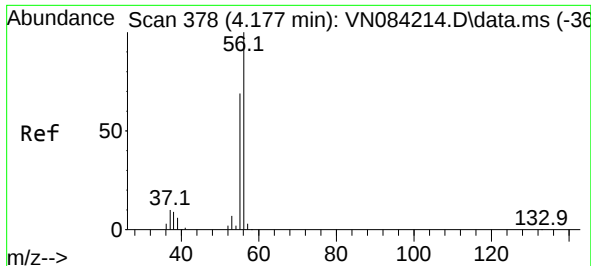


#12
1,1-Dichloroethene
Concen: 0.070 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion: 96 Resp: 123
Ion Ratio Lower Upper
96 100
61 141.7 128.6 192.8
98 0.0 51.7 77.5





#13

Acrolein

Concen: 0.388 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN084383.D

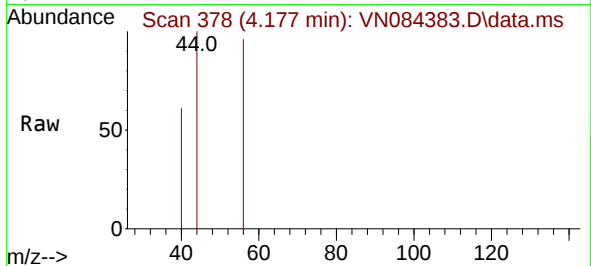
Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



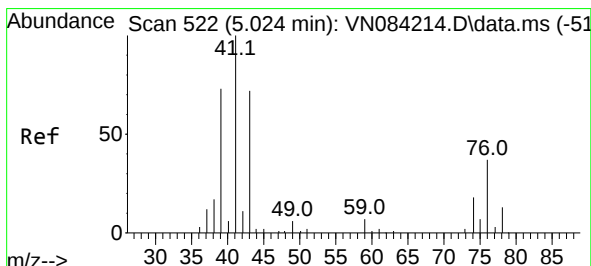
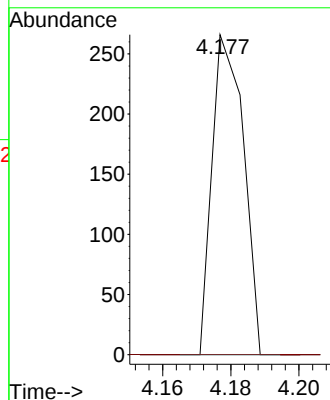
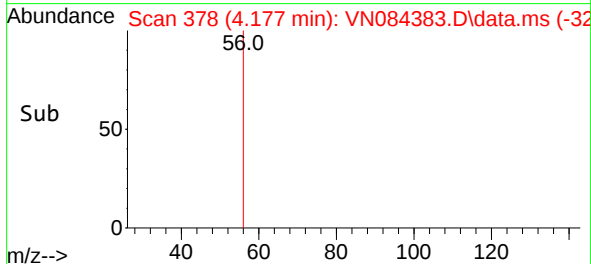
Tgt Ion: 56	Resp: 170
Ion Ratio	Lower Upper
56	100
55	0.0 57.2 85.8

Manual Integrations

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Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#14

Allyl chloride

Concen: 0.111 ug/l

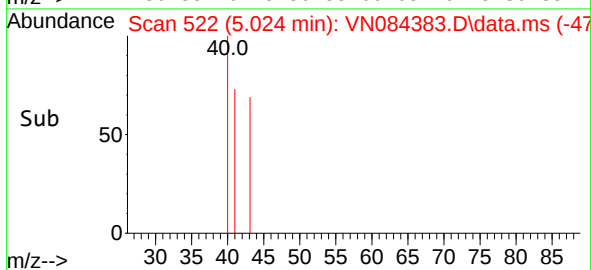
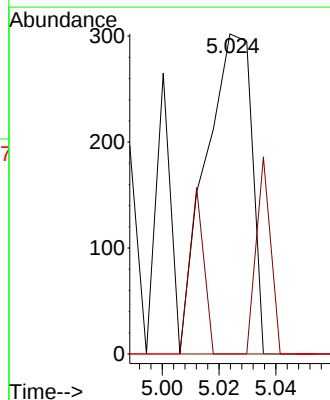
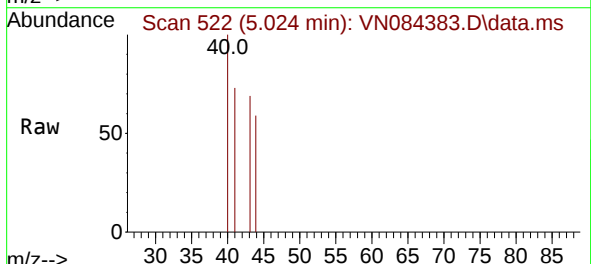
RT: 5.024 min Scan# 522

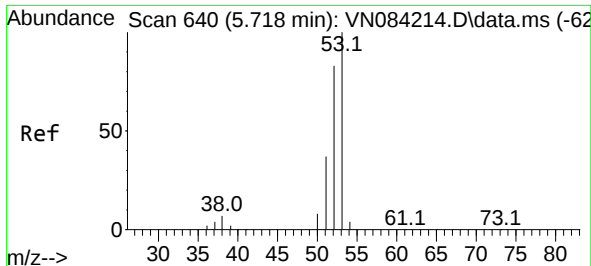
Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

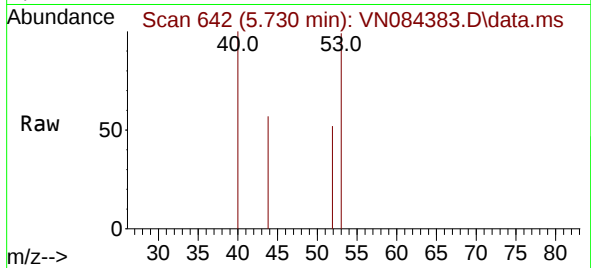
Tgt Ion: 41	Resp: 339
Ion Ratio	Lower Upper
41	100
39	19.5 59.0 88.6#
76	0.0 29.8 44.6#





#15
Acrylonitrile
Concen: 0.792 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

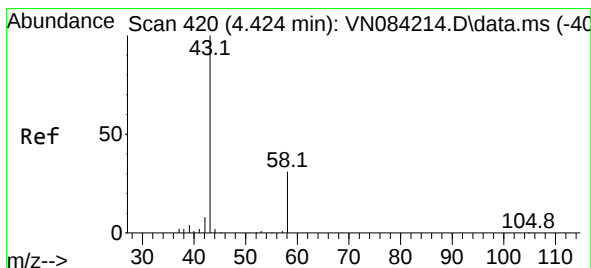
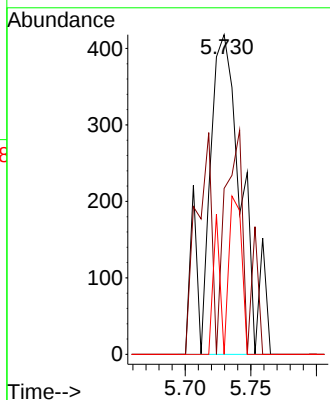
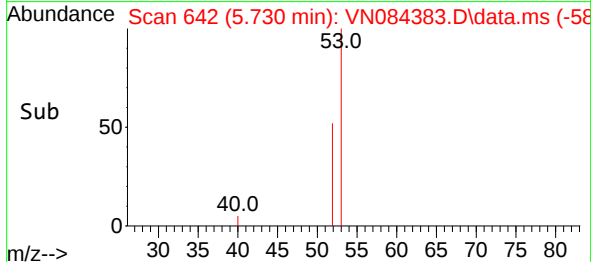
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 53 Resp: 763
Ion Ratio Lower Upper
53 100
52 42.1 66.2 99.4
51 26.7 28.8 43.2

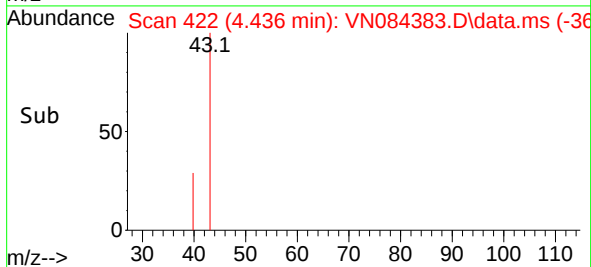
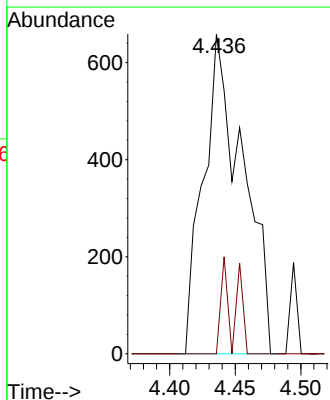
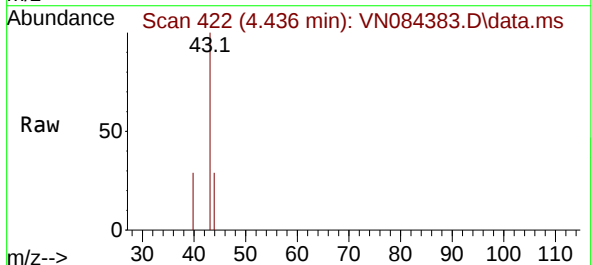
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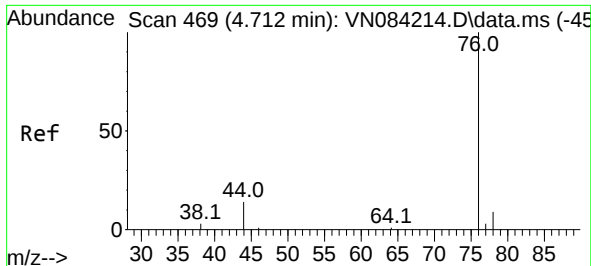
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 1.388 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

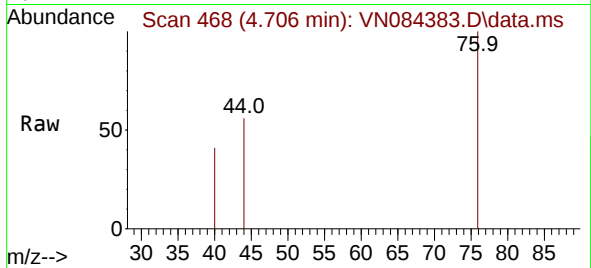
Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6





#17
Carbon Disulfide
Concen: 0.266 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

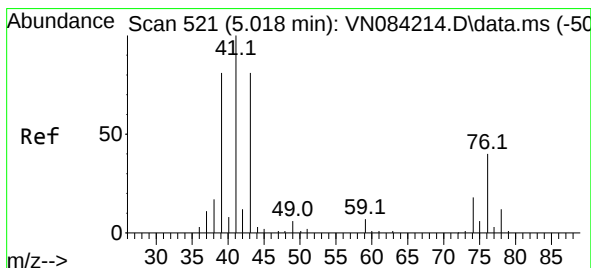
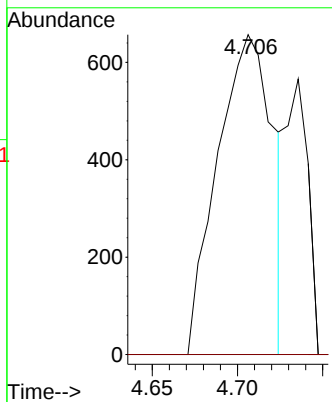
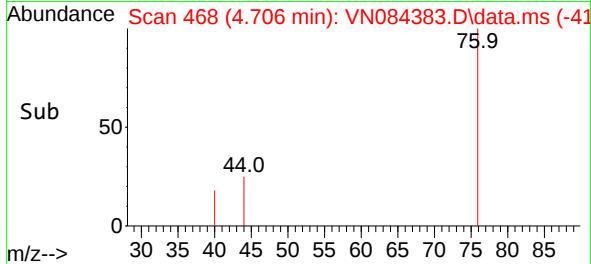
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 1478
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9

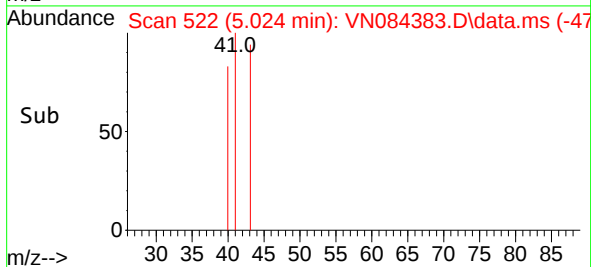
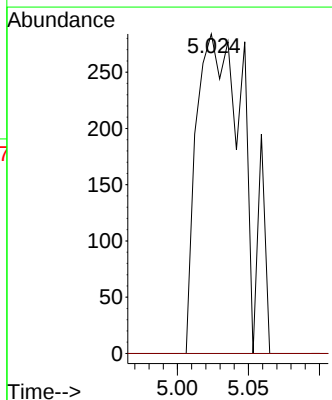
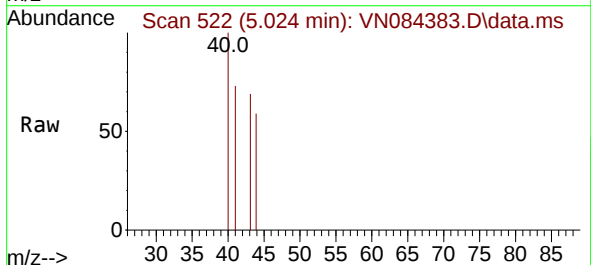
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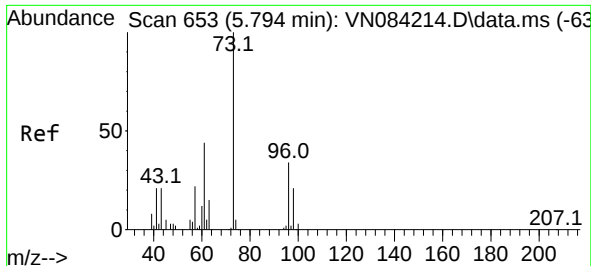
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 0.123 ug/l

RT: 5.800 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 73 Resp: 728

Ion Ratio Lower Upper

73 100

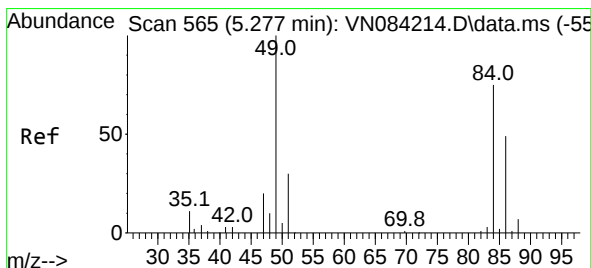
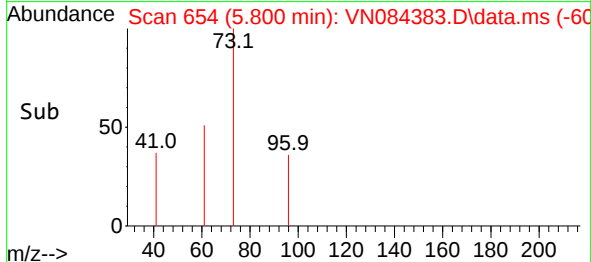
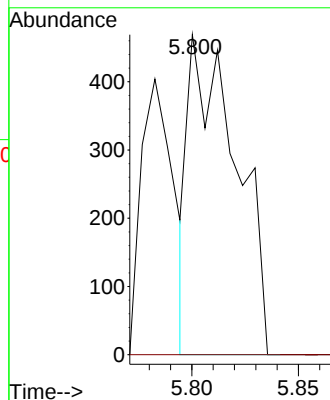
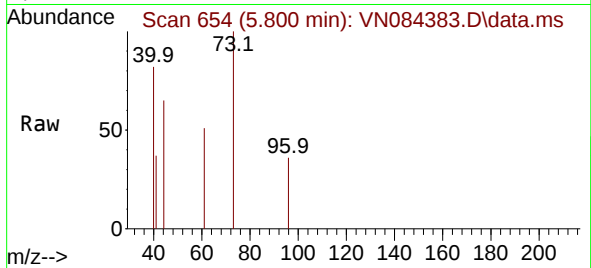
57 0.0 17.7 26.5

Manual Integrations

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Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#20

Methylene Chloride

Concen: 0.246 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Tgt Ion: 84 Resp: 498

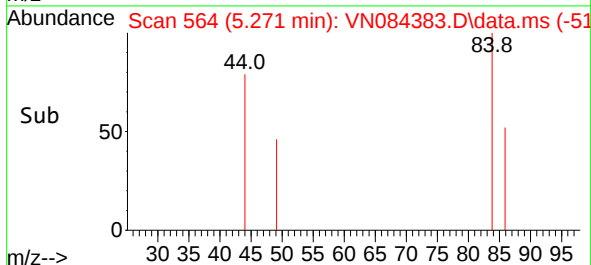
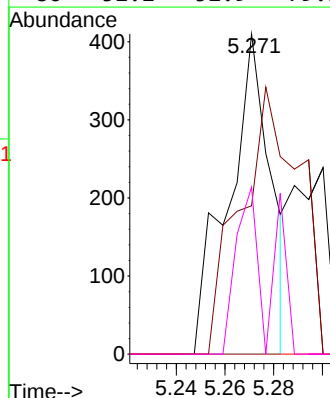
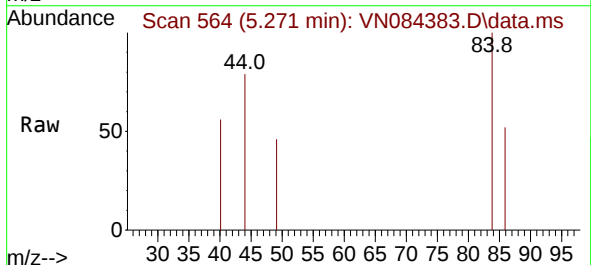
Ion Ratio Lower Upper

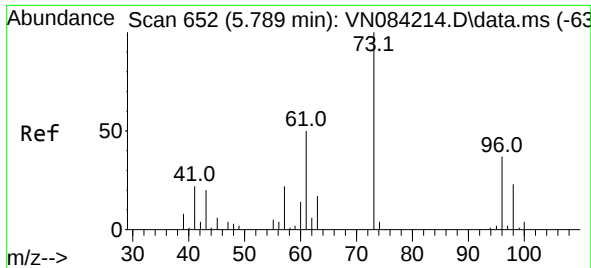
84 100

49 46.3 107.2 160.8#

51 0.0 31.8 47.8#

86 52.2 52.9 79.3#





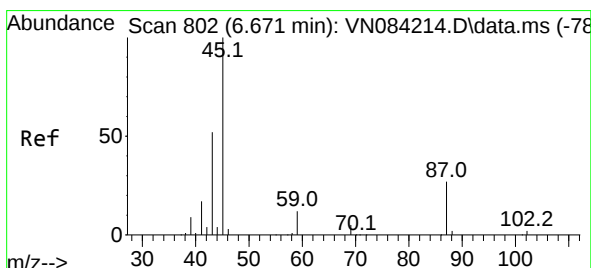
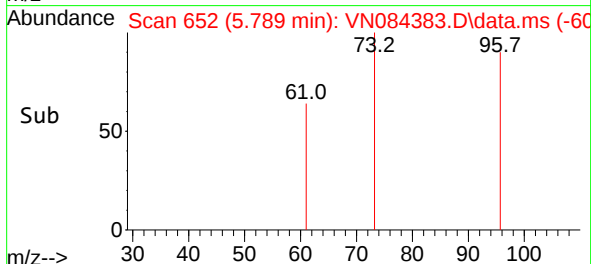
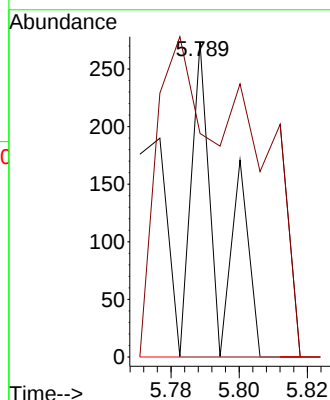
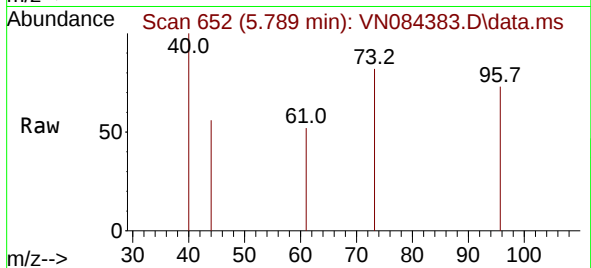
#21
trans-1,2-Dichloroethene
Concen: 0.085 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 96 Resp: 15
Ion Ratio Lower Upper
96 100
61 0.0 108.4 162.6
98 0.0 49.8 74.8

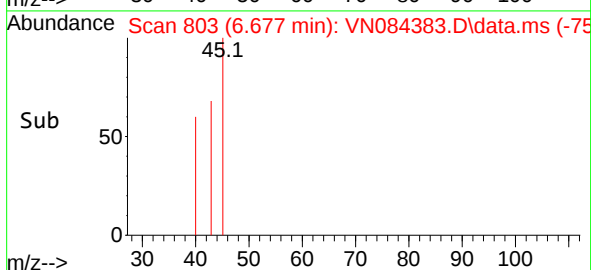
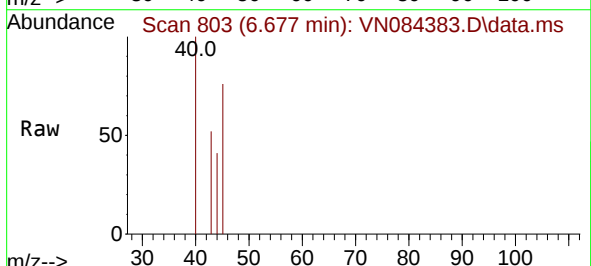
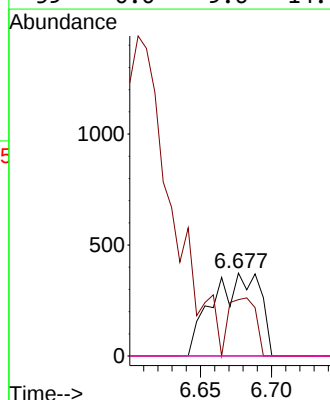
Manual Integrations
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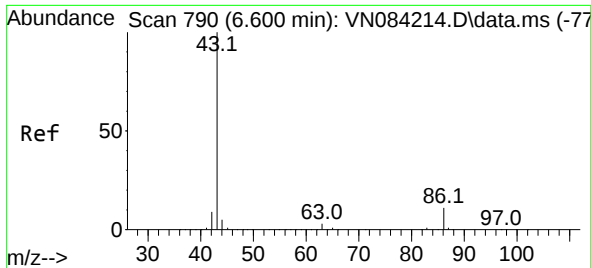
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22
Diisopropyl ether
Concen: 0.139 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Tgt Ion: 45 Resp: 876
Ion Ratio Lower Upper
45 100
43 67.9 42.3 63.5#
87 0.0 21.8 32.6#
59 0.0 9.6 14.4#





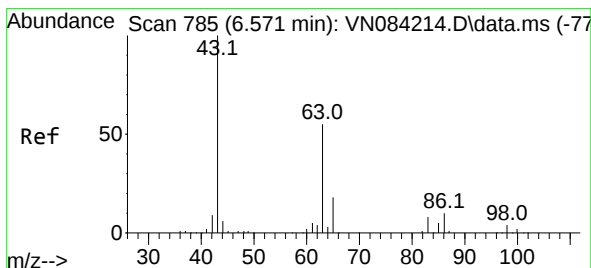
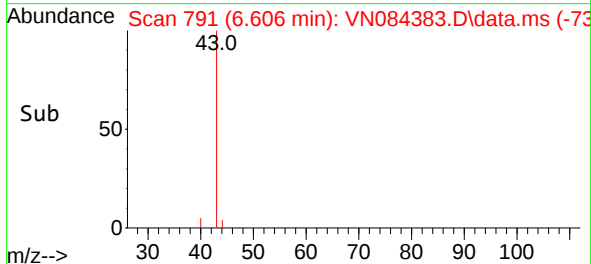
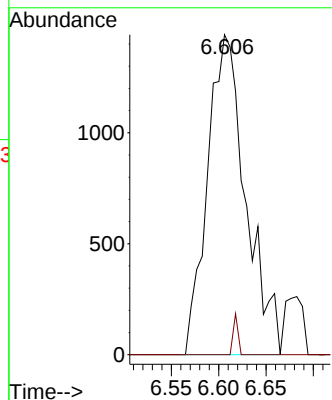
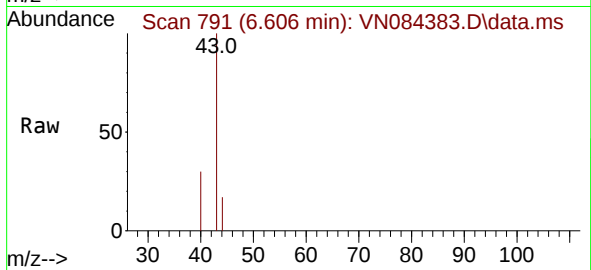
#23
 Vinyl Acetate
 Concen: 0.866 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN084383.D
 Acq: 10 Oct 2024 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 405
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8

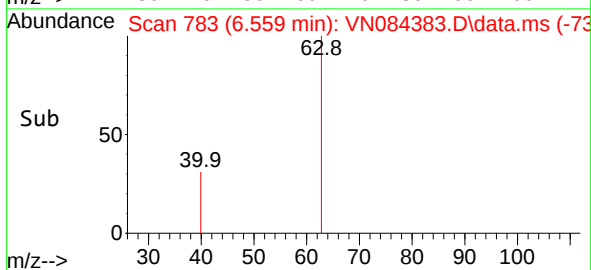
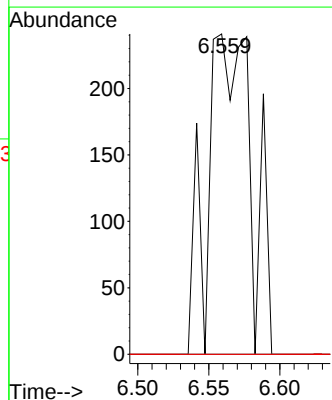
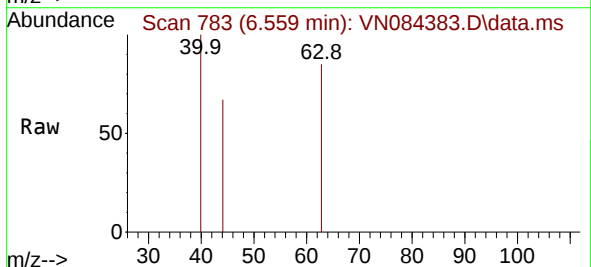
Manual Integrations
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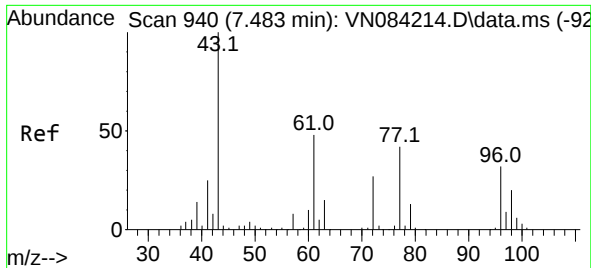
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.151 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084383.D
 Acq: 10 Oct 2024 12:39

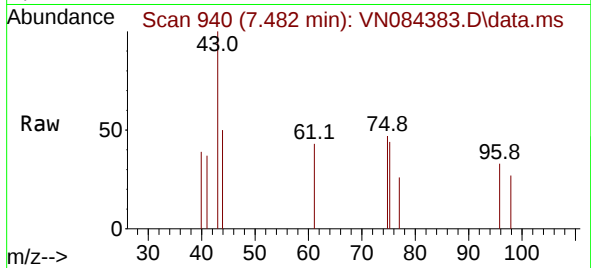
Tgt Ion: 63 Resp: 533
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 1.172 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

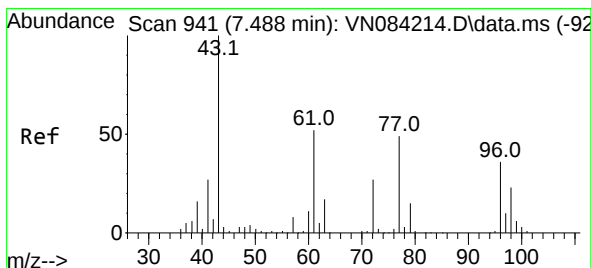
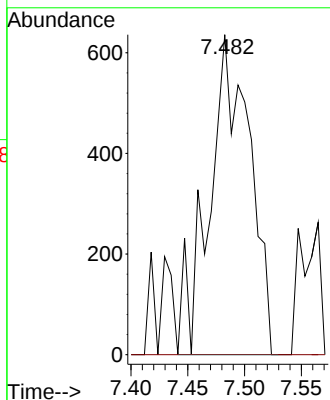
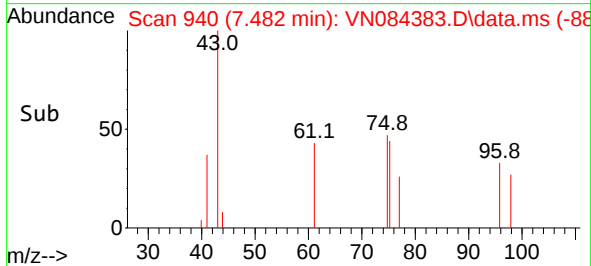
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



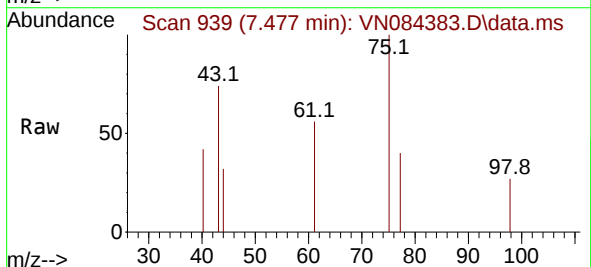
Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2

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APPROVED

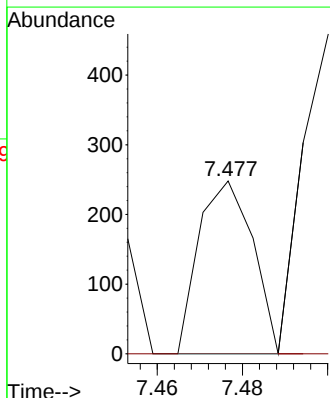
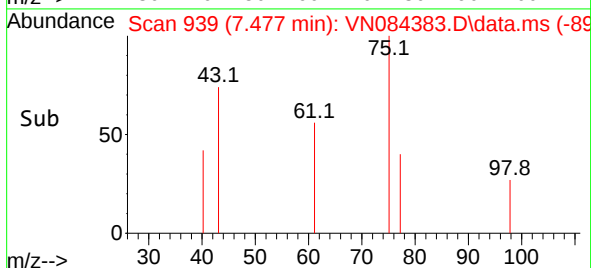
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

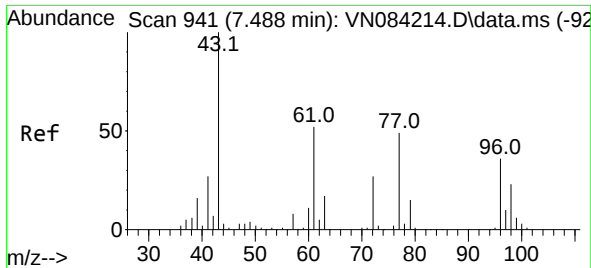


#26
2,2-Dichloropropane
Concen: 0.068 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



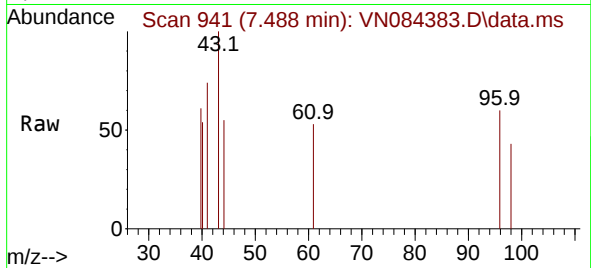
Tgt Ion: 77 Resp: 218
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.166 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084383.D
 Acq: 10 Oct 2024 12:39

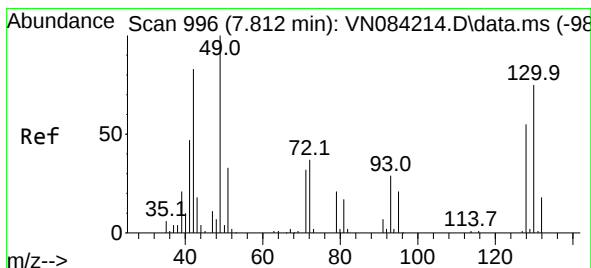
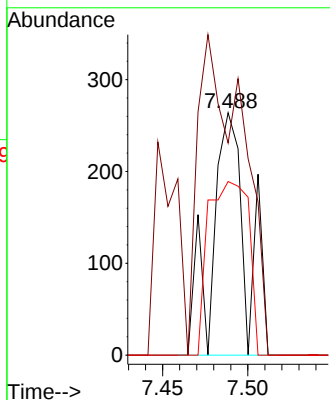
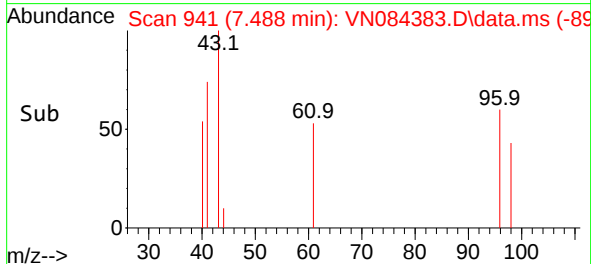
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 369
 Ion Ratio Lower Upper
 96 100
 61 172.4 0.0 301.8
 98 84.6 0.0 128.2

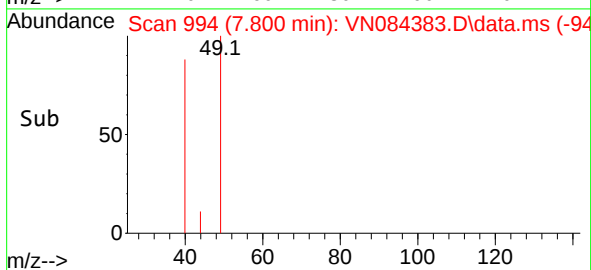
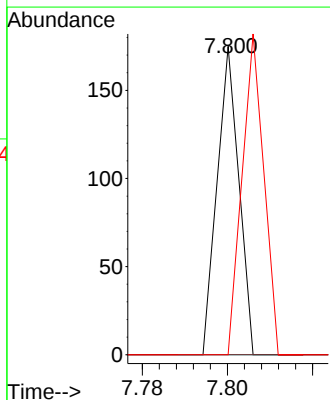
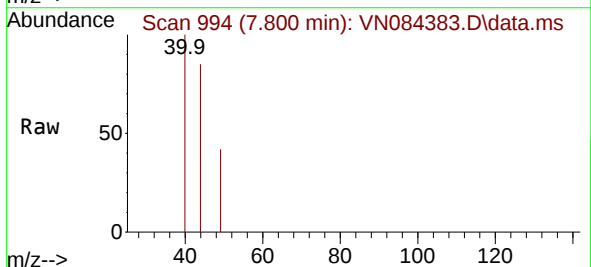
Manual Integrations
 APPROVED

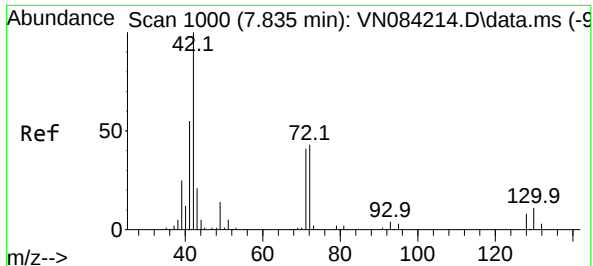
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#28
 Bromochloromethane
 Concen: 0.039 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.012 min
 Lab File: VN084383.D
 Acq: 10 Oct 2024 12:39

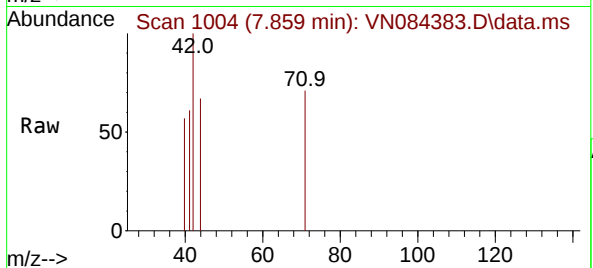
Tgt Ion: 49 Resp: 62
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 103.2 58.0 87.0#





#29
Tetrahydrofuran
Concen: 0.537 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.023 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

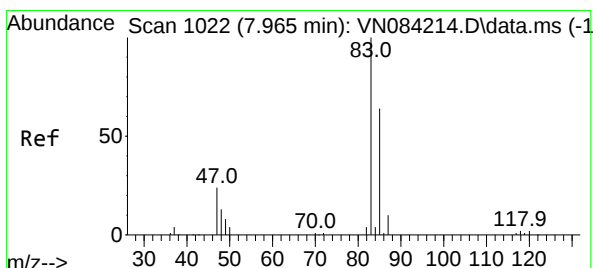
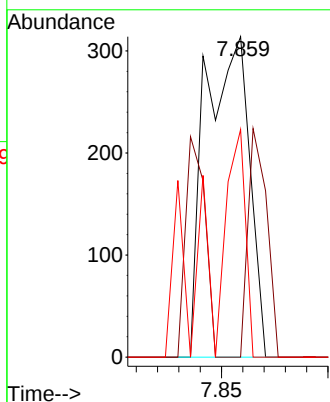
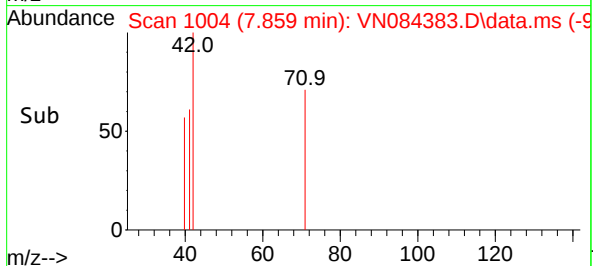
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 42 Resp: 449
Ion Ratio Lower Upper
42 100
72 30.5 34.6 51.8
71 45.0 32.2 48.4

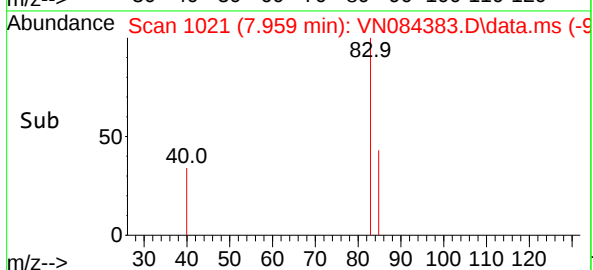
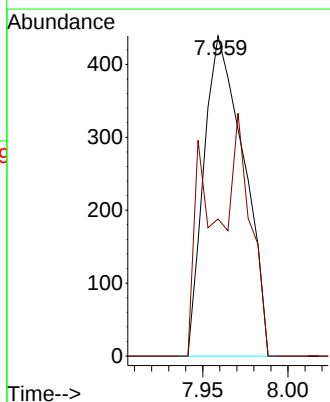
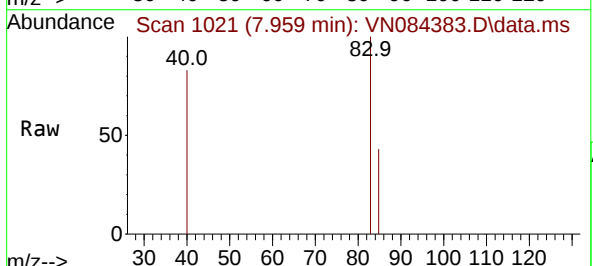
Manual Integrations
APPROVED

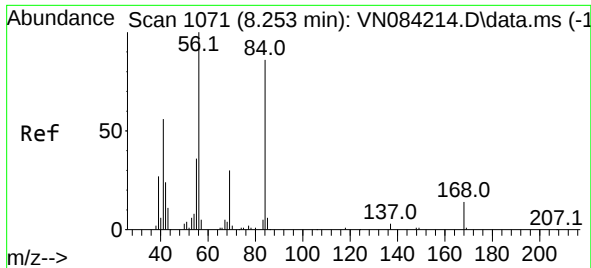
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
Chloroform
Concen: 0.195 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

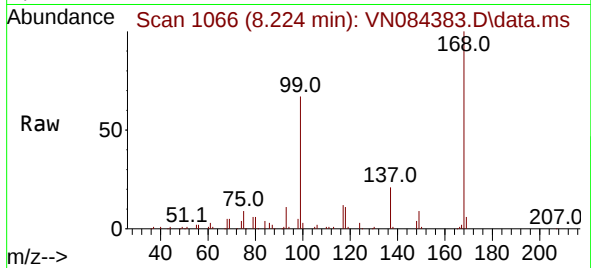
Tgt Ion: 83 Resp: 714
Ion Ratio Lower Upper
83 100
85 42.8 51.0 76.4#





#31
Cyclohexane
Concen: 1.186 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

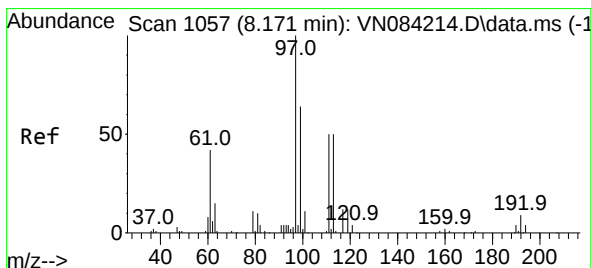
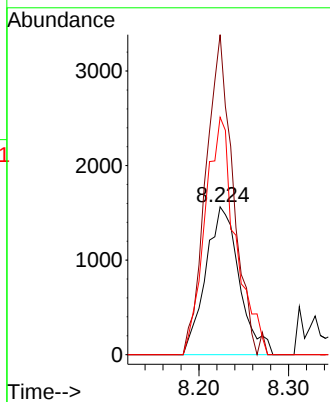
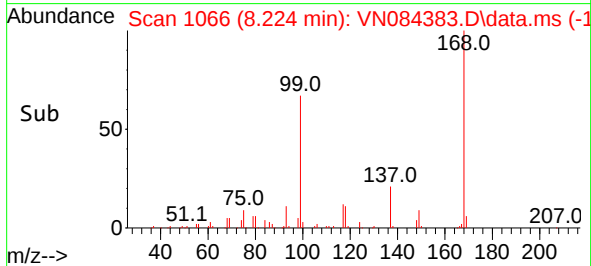
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 4060
Ion Ratio Lower Upper
56 100
69 216.4 23.8 35.6#
84 160.6 68.8 103.2#

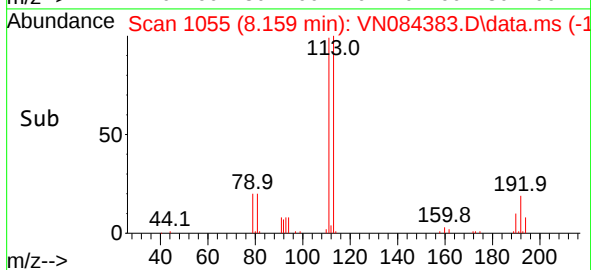
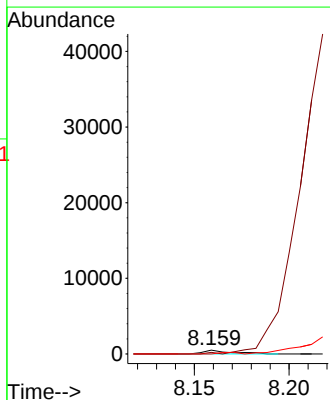
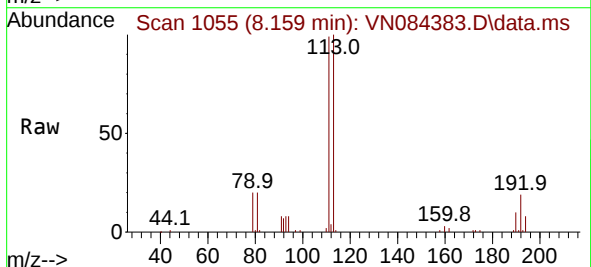
Manual Integrations
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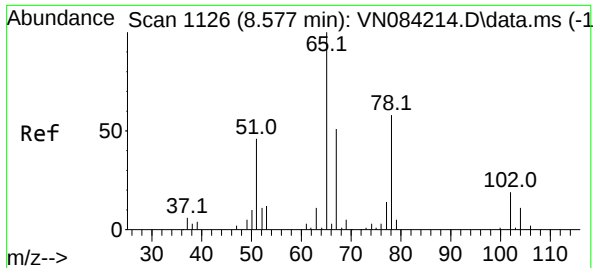
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 0.155 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Tgt Ion: 97 Resp: 512
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 28.3 37.5 56.3#





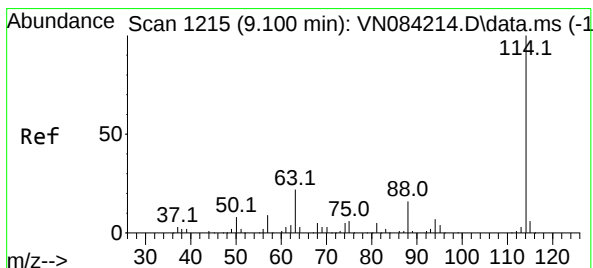
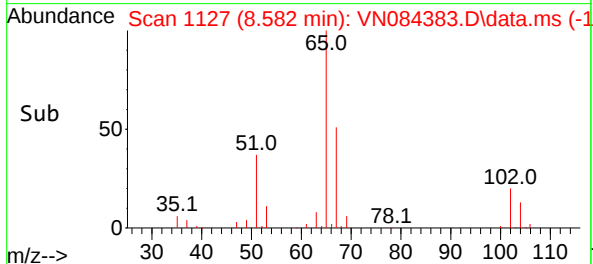
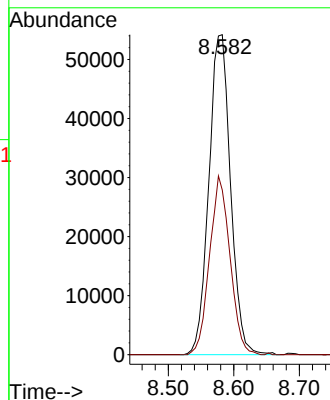
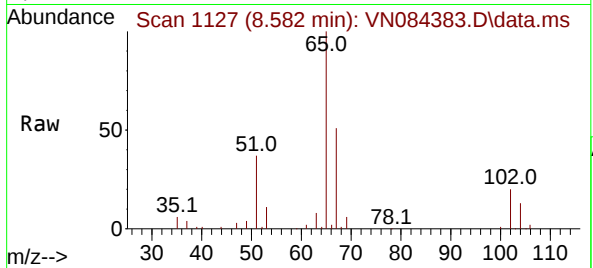
#33
1,2-Dichloroethane-d4
Concen: 53.790 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 65 Resp: 12451
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0

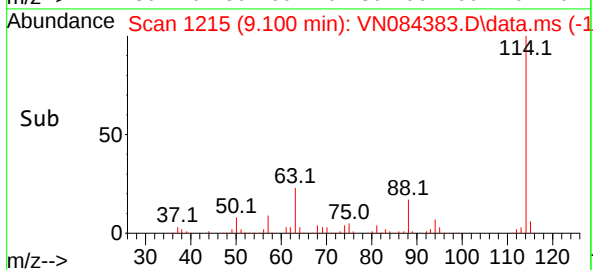
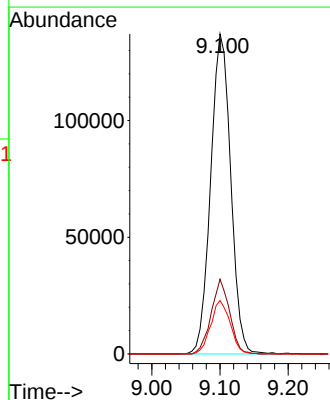
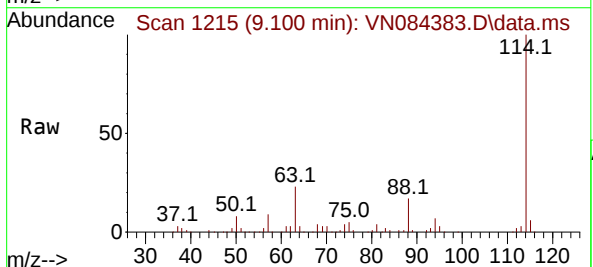
Manual Integrations
APPROVED

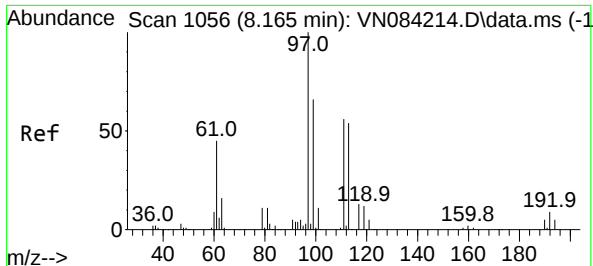
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

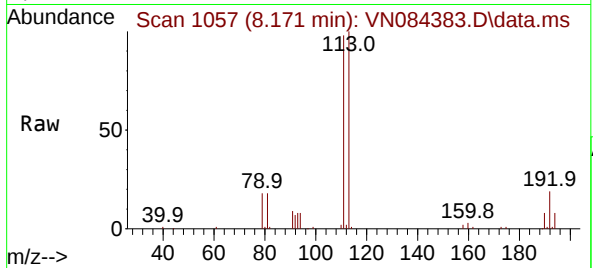
Tgt Ion:114 Resp: 280934
Ion Ratio Lower Upper
114 100
63 23.4 0.0 43.8
88 16.7 0.0 31.6





#35
Dibromofluoromethane
Concen: 53.623 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

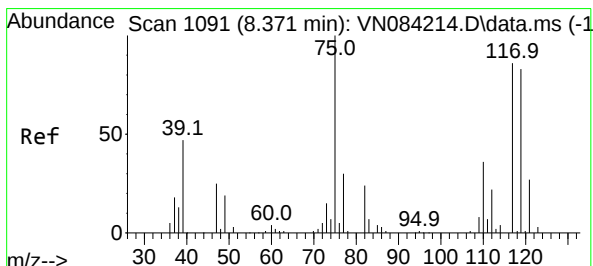
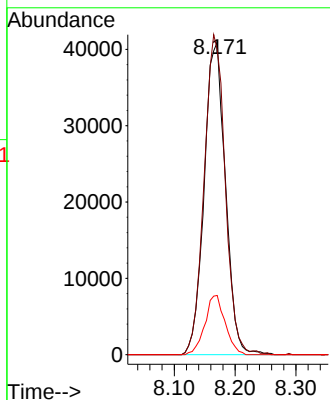
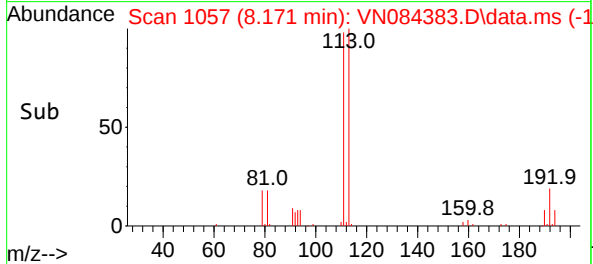
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



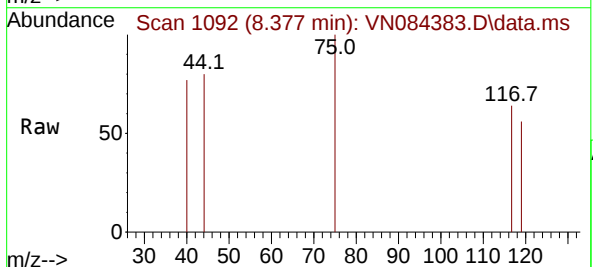
Tgt Ion: 113 Resp: 9931
Ion Ratio Lower Upper
113 100
111 101.9 83.3 124.9
192 18.0 13.5 20.3

Manual Integrations
APPROVED

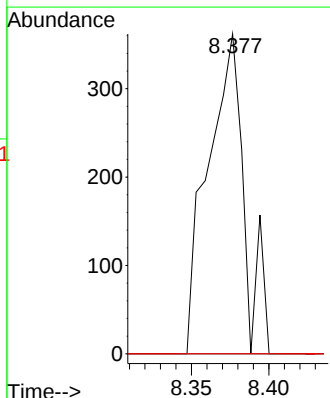
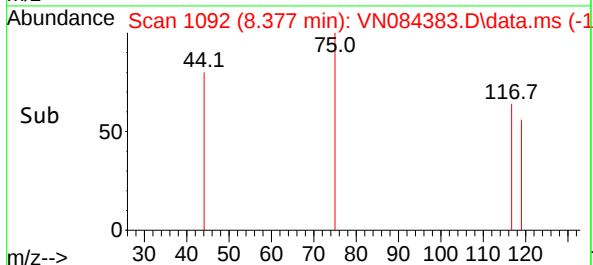
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

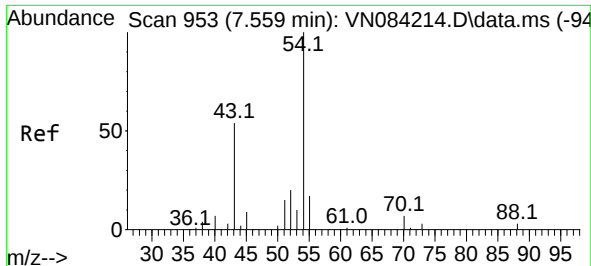


#36
1,1-Dichloropropene
Concen: 0.219 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



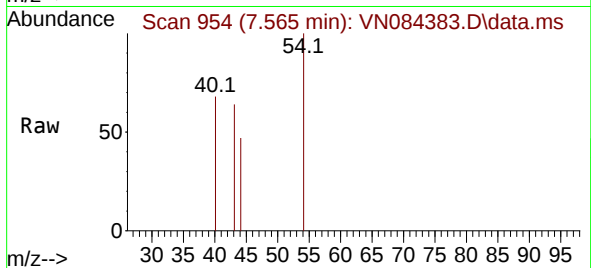
Tgt Ion: 75 Resp: 588
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.7#
77 0.0 24.7 37.1#





#37
Ethyl Acetate
Concen: 0.111 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

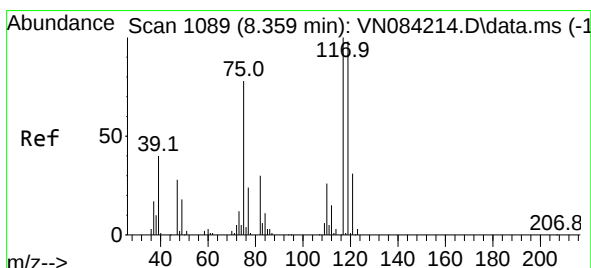
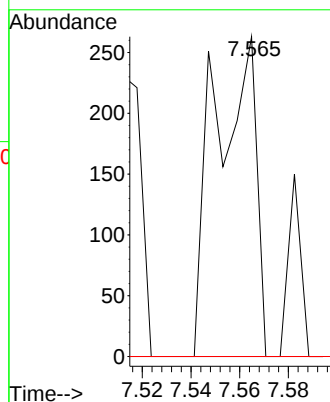
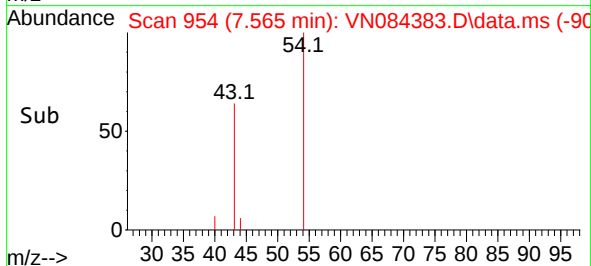
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.8 13.2#

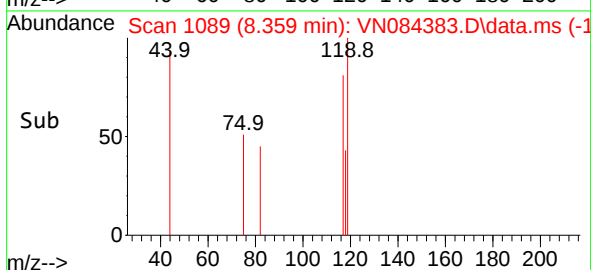
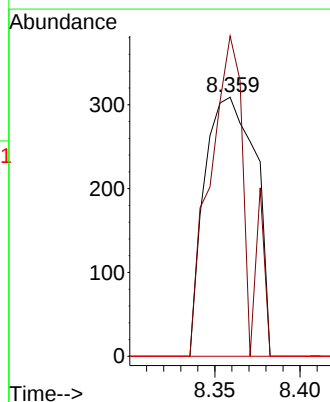
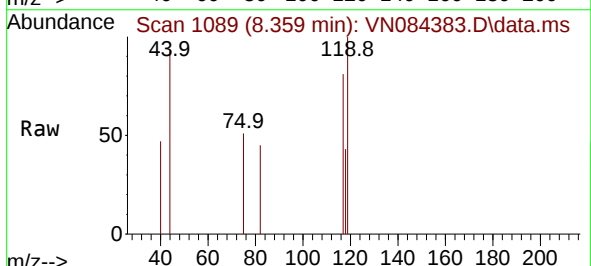
Manual Integrations
APPROVED

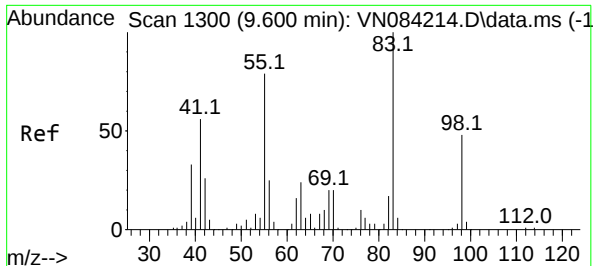
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#38
Carbon Tetrachloride
Concen: 0.216 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Tgt Ion:117 Resp: 638
Ion Ratio Lower Upper
117 100
119 123.6 78.7 118.1#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.170 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

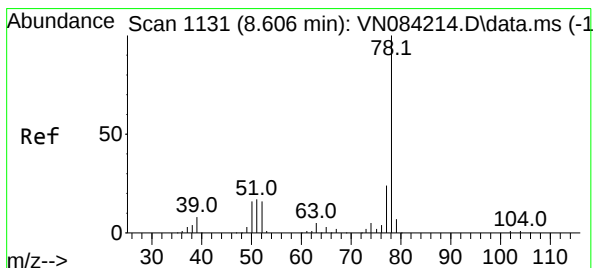
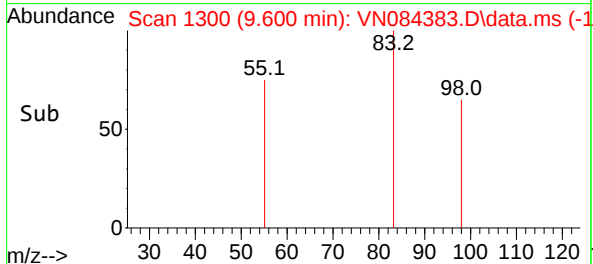
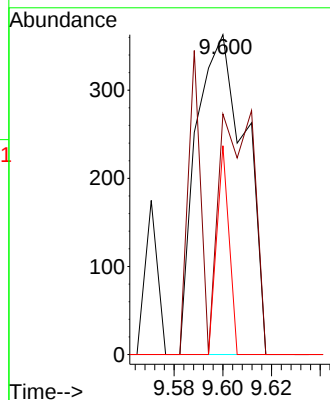
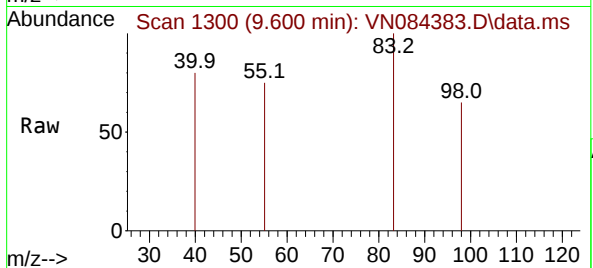
Tgt Ion: 83	Resp: 509
Ion Ratio	Lower Upper
83	100
55	75.2 62.8 94.2
98	65.3 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40

Benzene

Concen: 0.222 ug/l

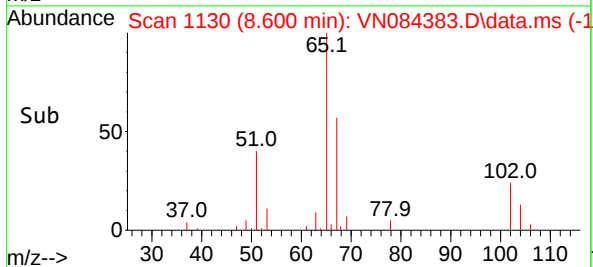
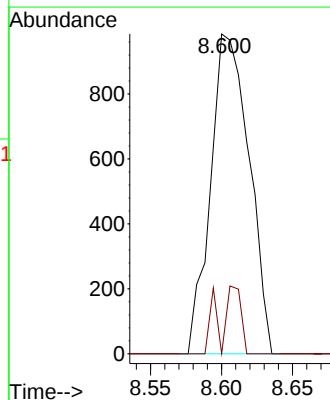
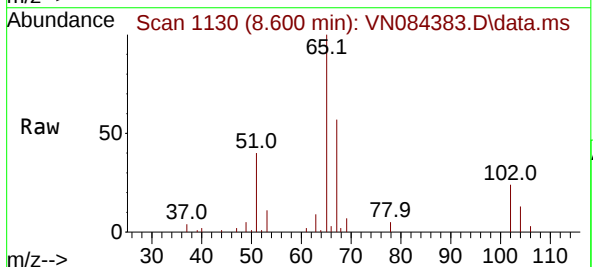
RT: 8.600 min Scan# 1130

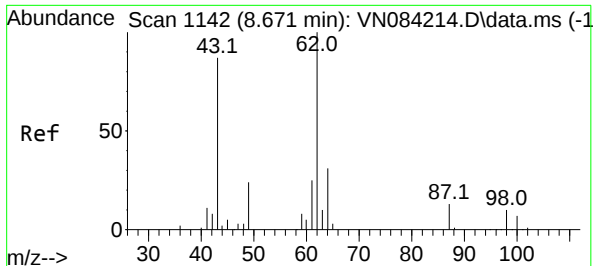
Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Tgt Ion: 78	Resp: 1859
Ion Ratio	Lower Upper
78	100
77	0.0 19.1 28.7#





#42

1,2-Dichloroethane

Concen: 0.315 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

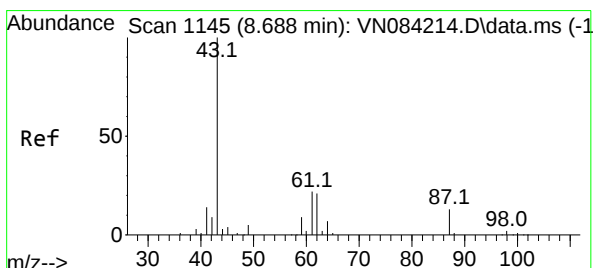
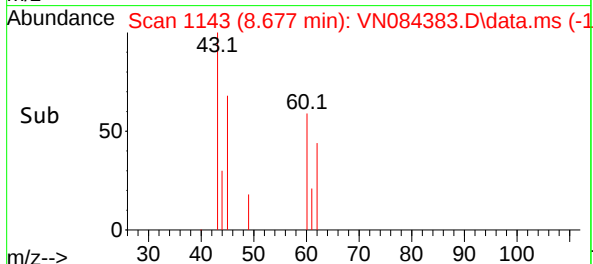
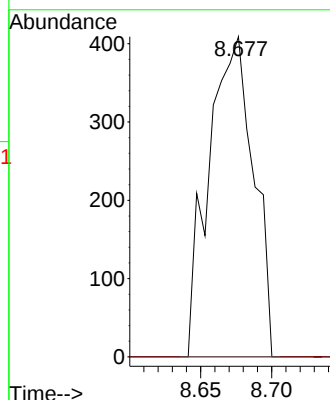
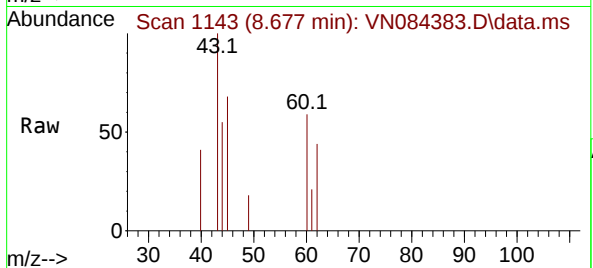
Tgt Ion: 62 Resp: 890
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 18.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#43

Isopropyl Acetate

Concen: 0.592 ug/l

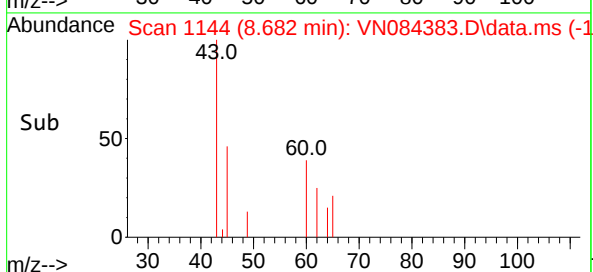
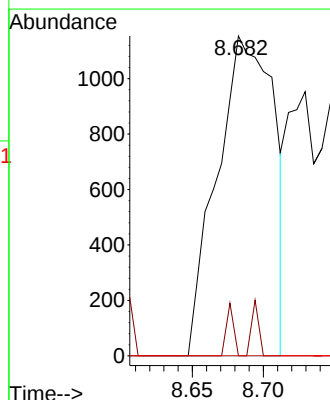
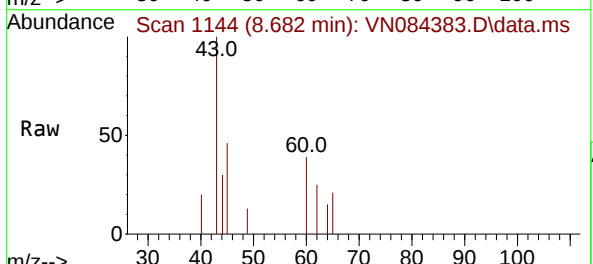
RT: 8.682 min Scan# 1144

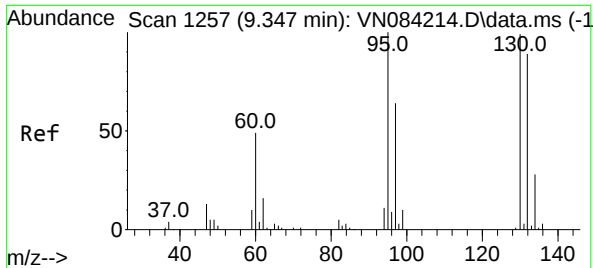
Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

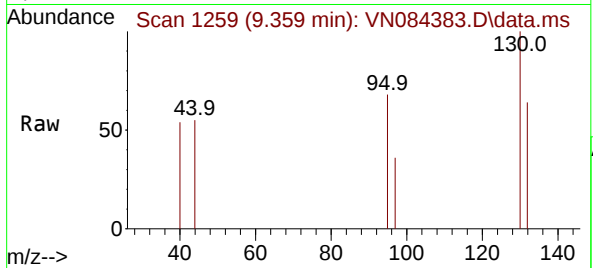
Tgt Ion: 43 Resp: 3203
 Ion Ratio Lower Upper
 43 100
 61 0.0 20.4 30.6#
 87 0.0 10.3 15.5#





#44
Trichloroethene
Concen: 0.368 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

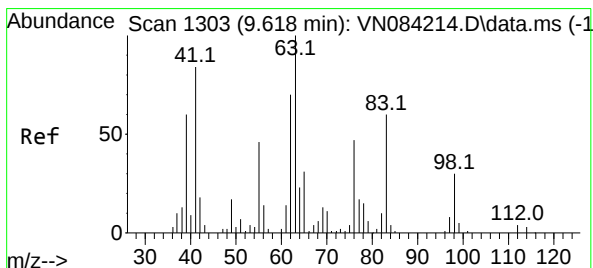
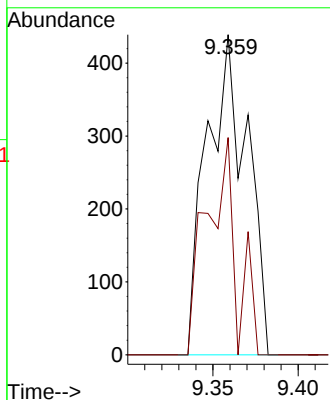
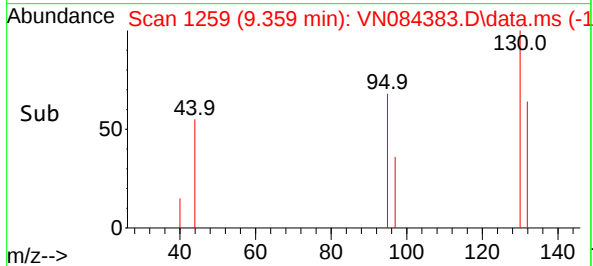
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



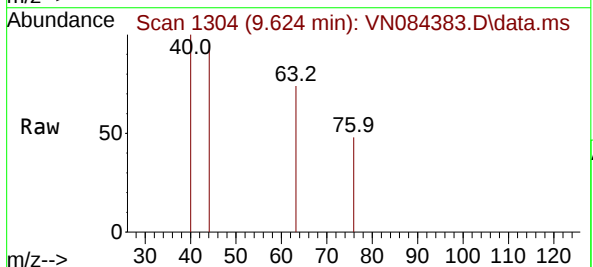
Tgt Ion:130 Resp: 72
Ion Ratio Lower Upper
130 100
95 67.9 0.0 203.0

Manual Integrations
APPROVED

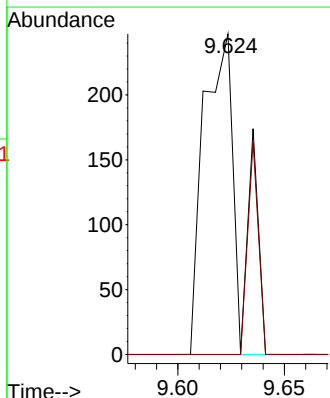
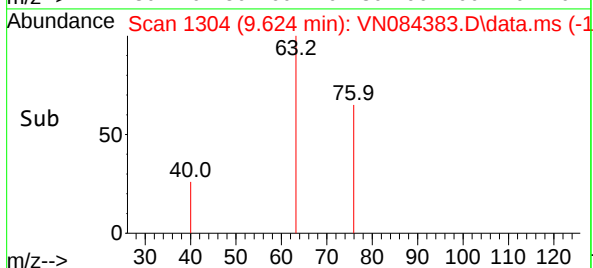
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

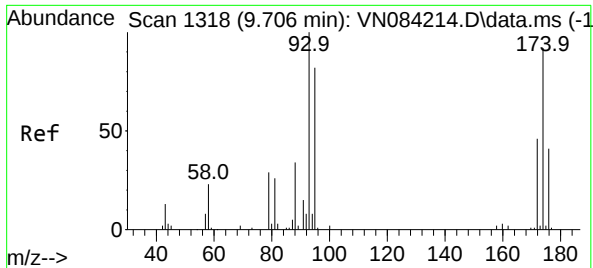


#45
1,2-Dichloropropane
Concen: 0.147 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



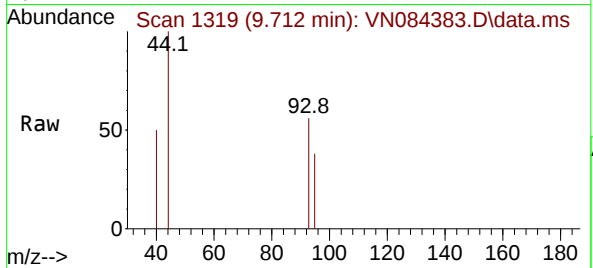
Tgt Ion: 63 Resp: 291
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#





#46
Dibromomethane
Concen: 0.061 ug/l
RT: 9.712 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

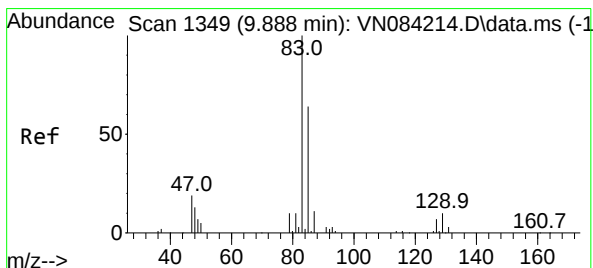
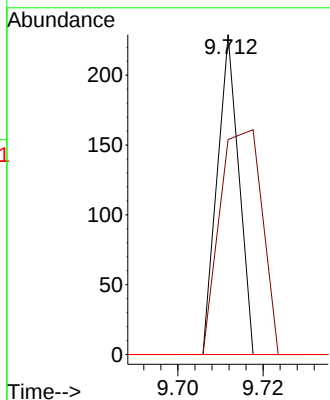
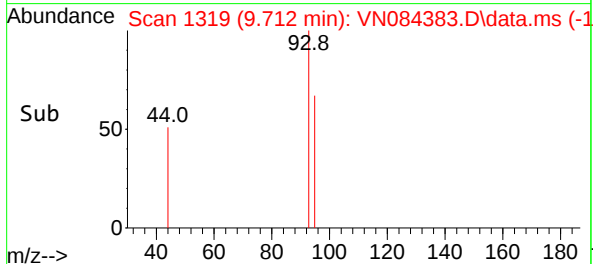
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 93 Resp: 83
Ion Ratio Lower Upper
93 100
95 137.0 65.0 97.4#
174 0.0 71.8 107.8#

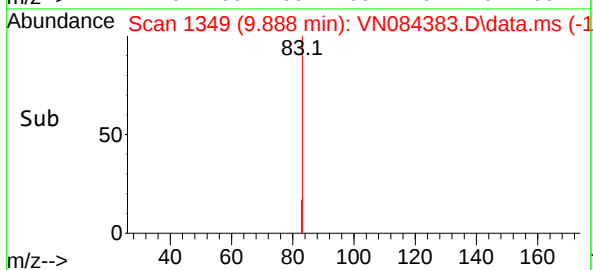
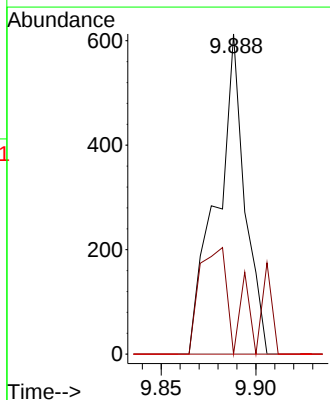
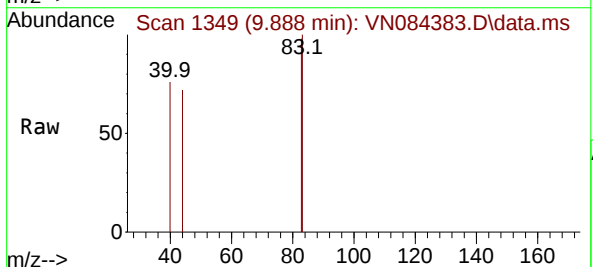
Manual Integrations
APPROVED

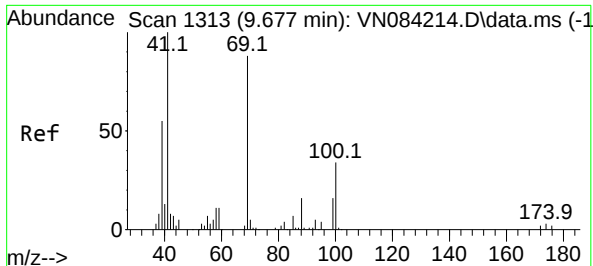
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#47
Bromodichloromethane
Concen: 0.213 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Tgt Ion: 83 Resp: 632
Ion Ratio Lower Upper
83 100
85 0.0 51.5 77.3#
127 0.0 5.7 8.5#





#48

Methyl methacrylate

Concen: 0.162 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 41 Resp: 349

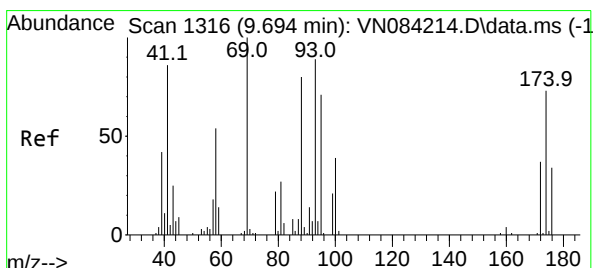
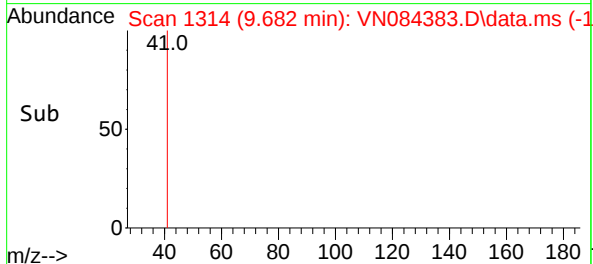
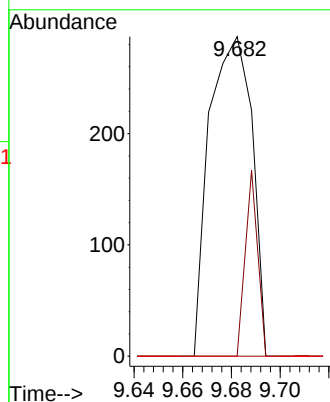
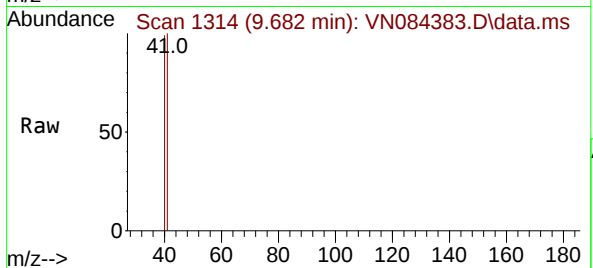
Ion	Ratio	Lower	Upper
41	100		
69	16.9	67.1	100.7
39	0.0	45.8	68.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#49

1,4-Dioxane

Concen: 1.464 ug/l m

RT: 9.706 min Scan# 1318

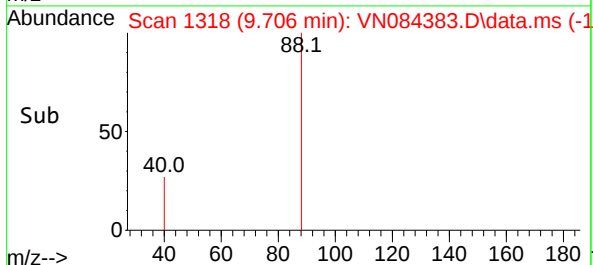
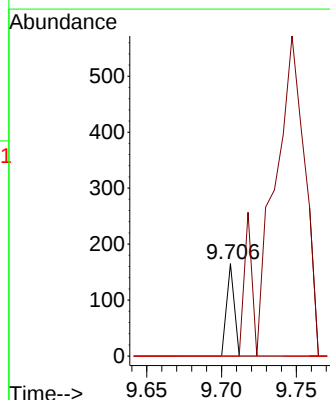
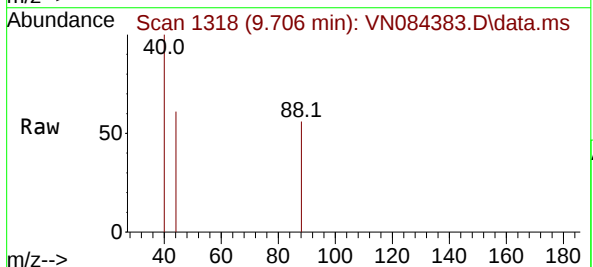
Delta R.T. 0.012 min

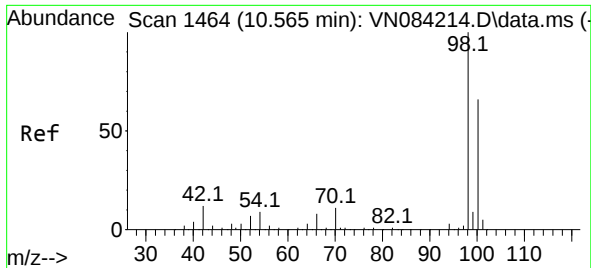
Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9
58	0.0	56.4	84.6





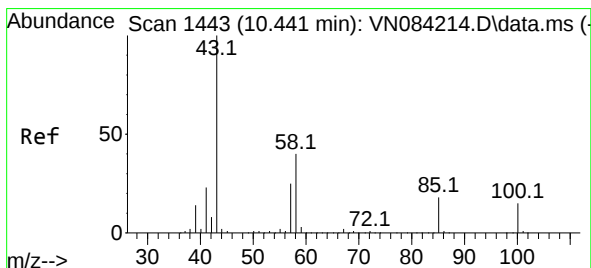
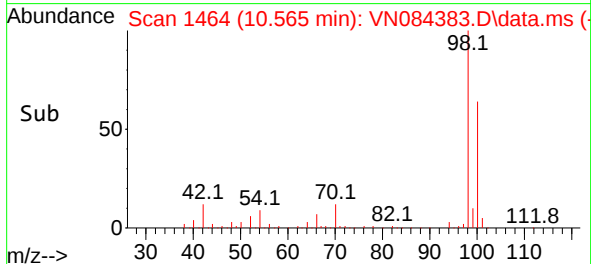
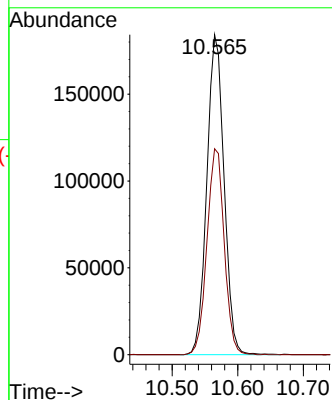
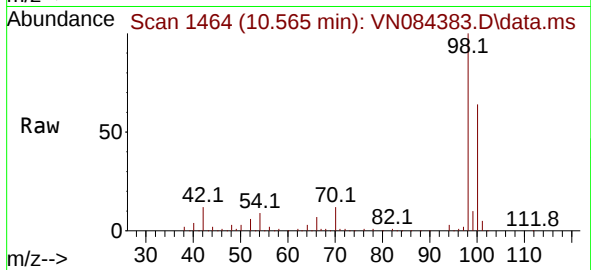
#50
Toluene-d8
Concen: 49.381 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 98 Resp: 33648
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

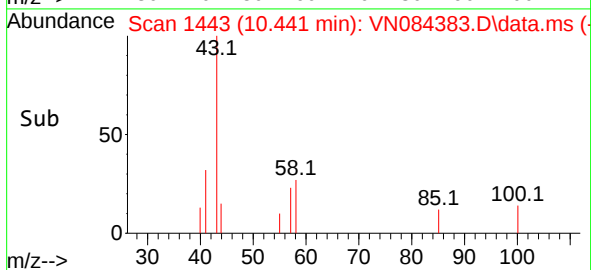
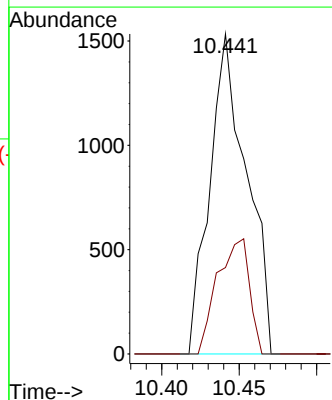
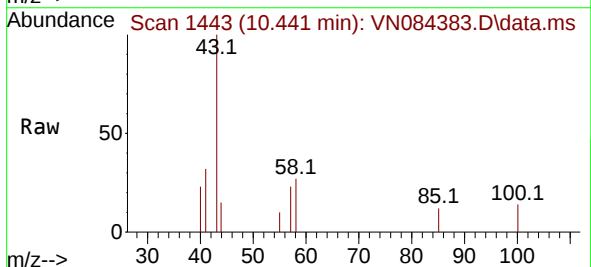
Manual Integrations
APPROVED

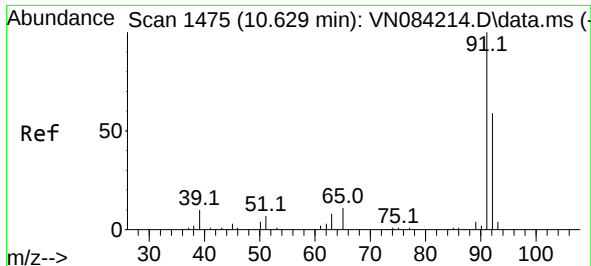
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#51
4-Methyl-2-Pentanone
Concen: 0.967 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

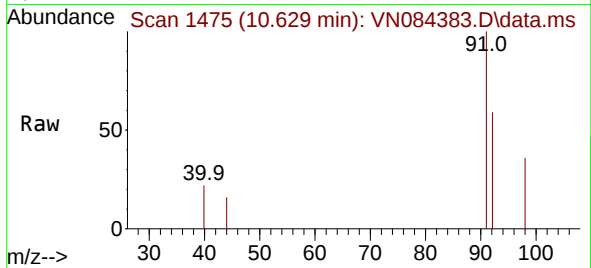
Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
58 31.1 31.6 47.4#





#52
Toluene
Concen: 0.201 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

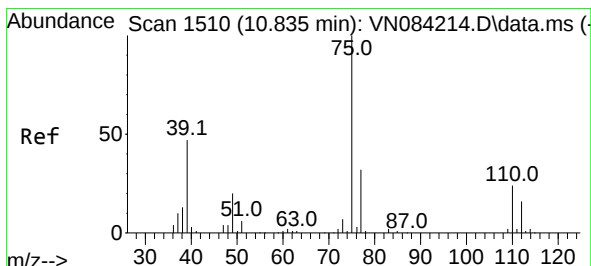
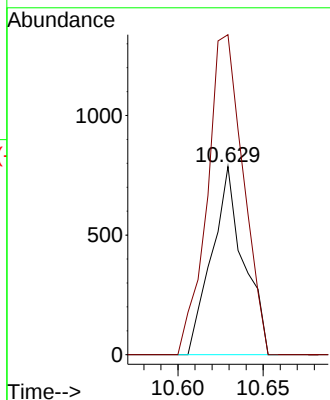
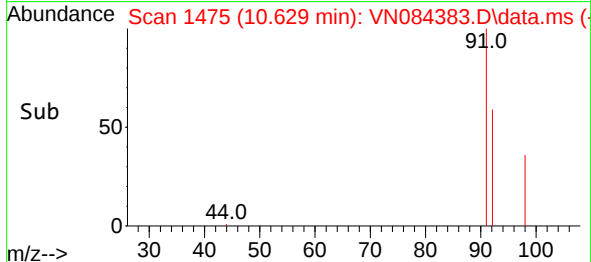
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



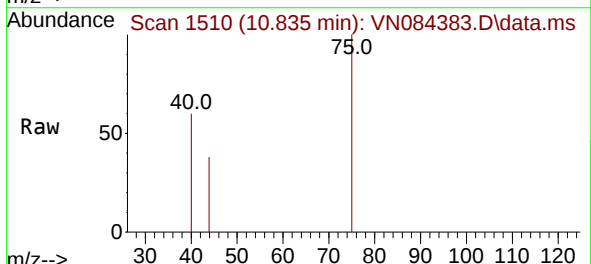
Tgt Ion: 92 Resp: 1029
Ion Ratio Lower Upper
92 100
91 192.6 137.3 205.9

Manual Integrations
APPROVED

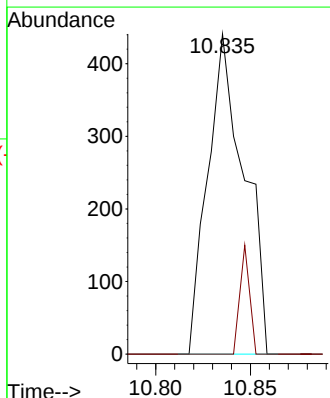
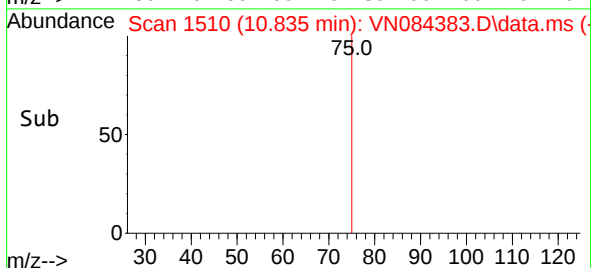
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

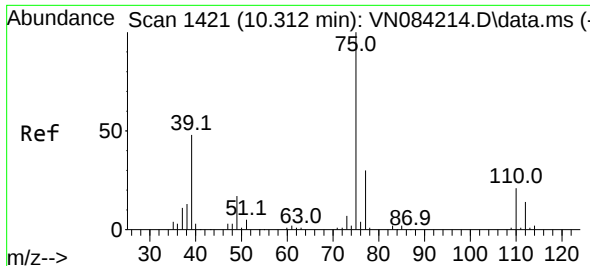


#53
t-1,3-Dichloropropene
Concen: 0.195 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



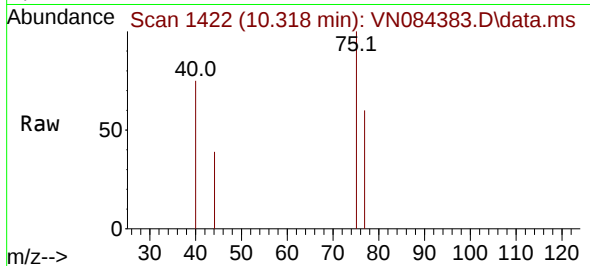
Tgt Ion: 75 Resp: 590
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#





#54
 cis-1,3-Dichloropropene
 Concen: 0.191 ug/l
 RT: 10.318 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN084383.D
 Acq: 10 Oct 2024 12:39

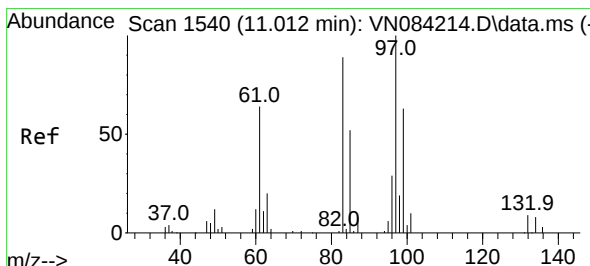
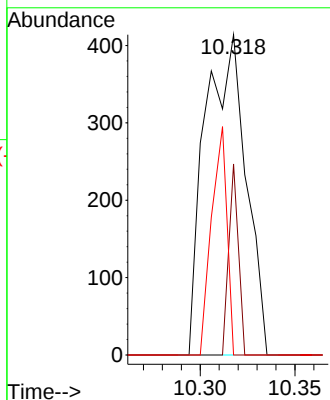
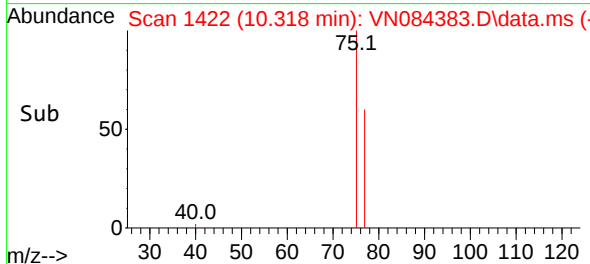
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 62.1
 Ion Ratio Lower Upper
 75 100
 77 59.7 24.2 36.2
 39 0.0 38.7 58.1

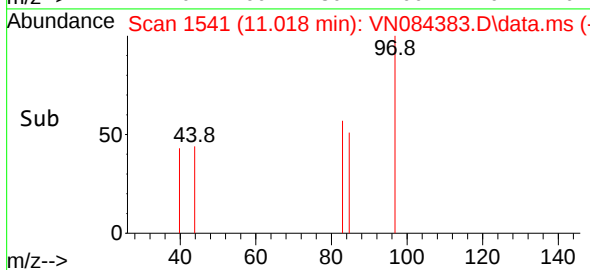
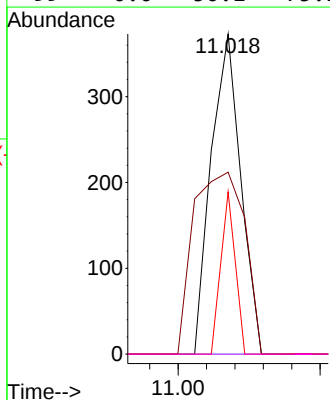
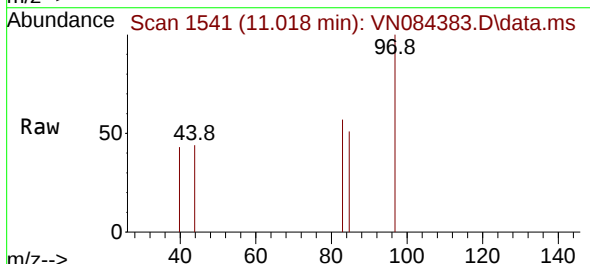
Manual Integrations
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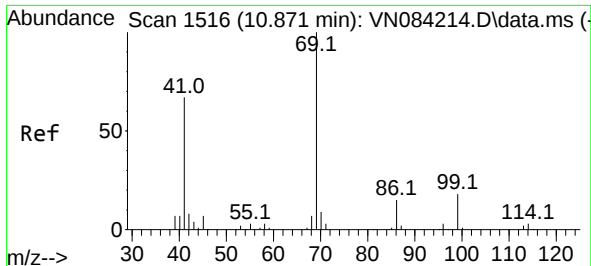
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#55
 1,1,2-Trichloroethane
 Concen: 0.147 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN084383.D
 Acq: 10 Oct 2024 12:39

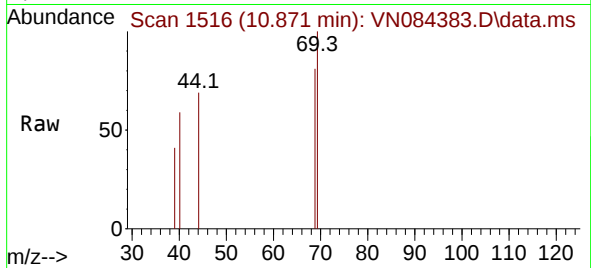
Tgt Ion: 97 Resp: 270
 Ion Ratio Lower Upper
 97 100
 83 56.8 71.0 106.4#
 85 50.7 41.7 62.5
 99 0.0 50.1 75.1#





#56
Ethyl methacrylate
Concen: 0.257 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

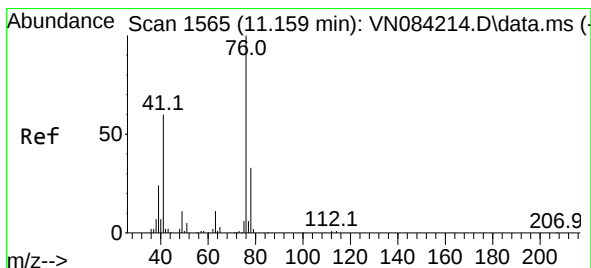
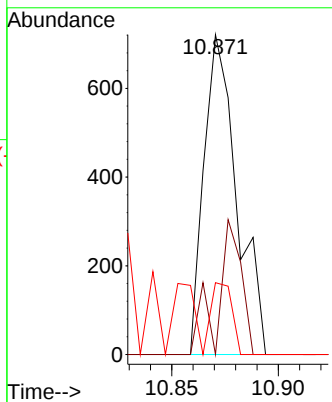
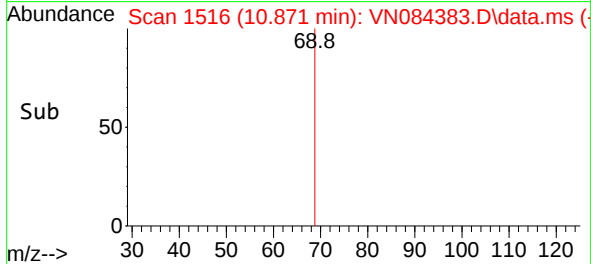
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 69 Resp: 774
Ion Ratio Lower Upper
69 100
41 30.7 53.3 79.9
39 14.5 28.8 43.2

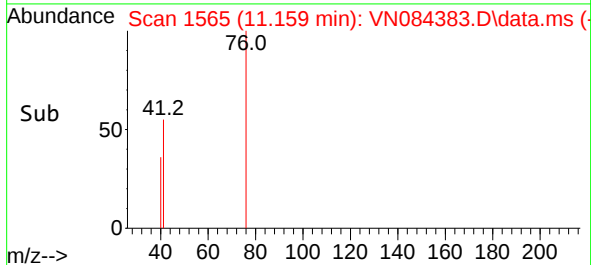
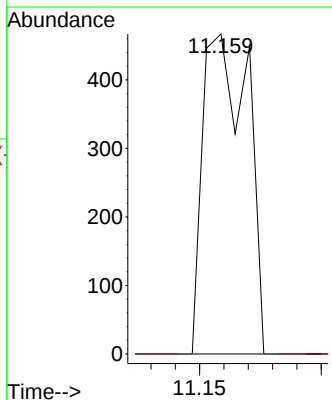
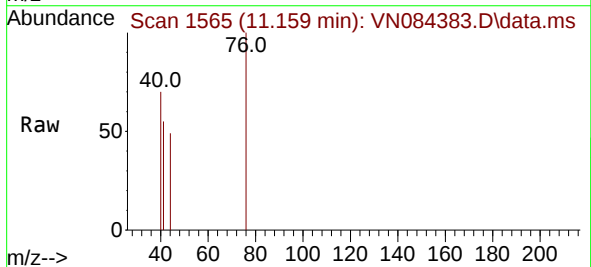
Manual Integrations
APPROVED

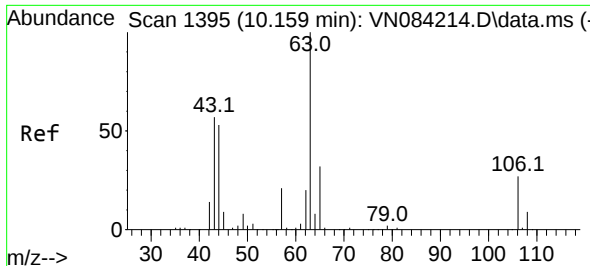
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#57
1,3-Dichloropropane
Concen: 0.181 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Tgt Ion: 76 Resp: 594
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6





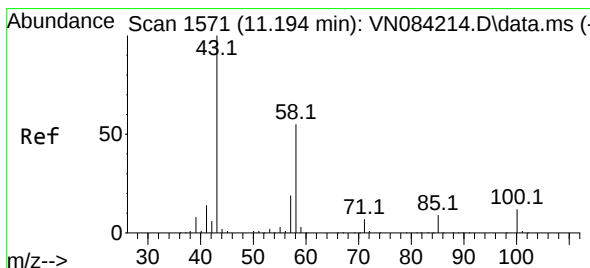
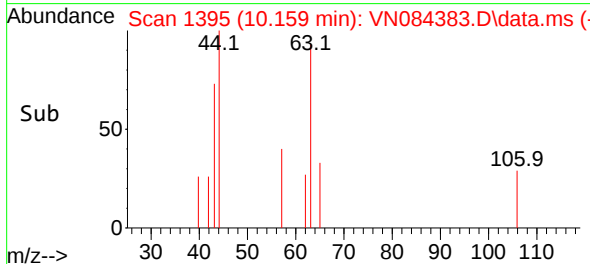
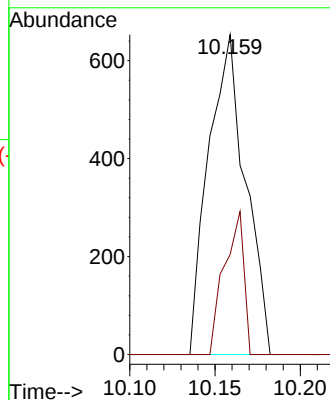
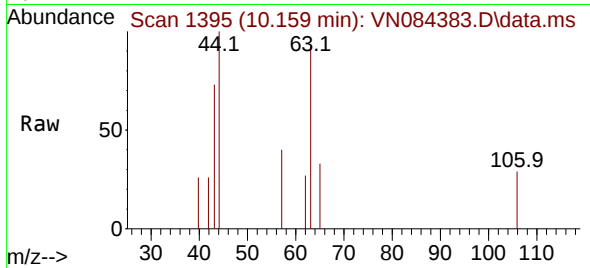
#58
2-Chloroethyl Vinyl ether
Concen: 0.704 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 63 Resp: 985
Ion Ratio Lower Upper
63 100
106 23.7 21.8 32.6

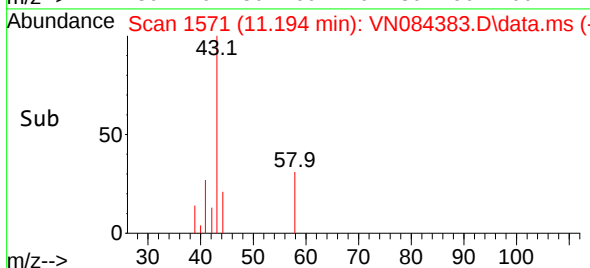
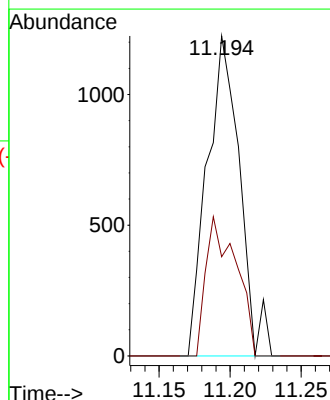
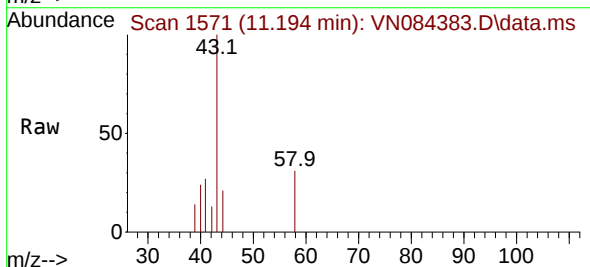
Manual Integrations
APPROVED

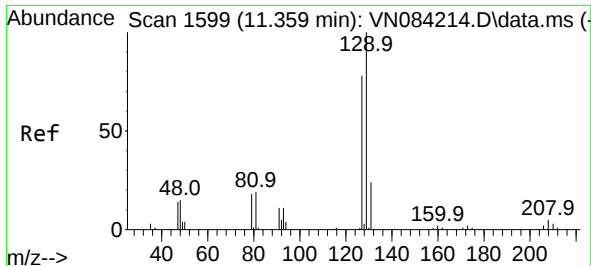
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#59
2-Hexanone
Concen: 0.991 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

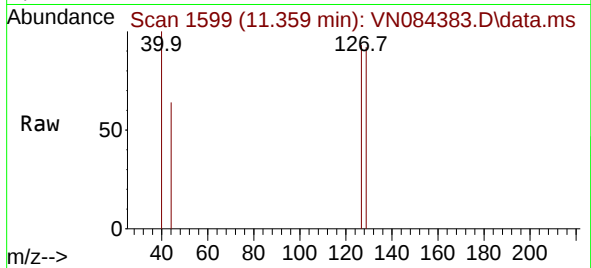
Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 40.4 27.3 81.8





#60
Dibromochloromethane
Concen: 0.187 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

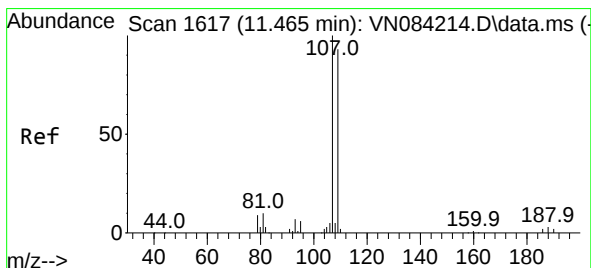
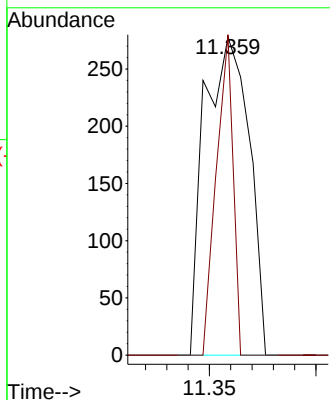
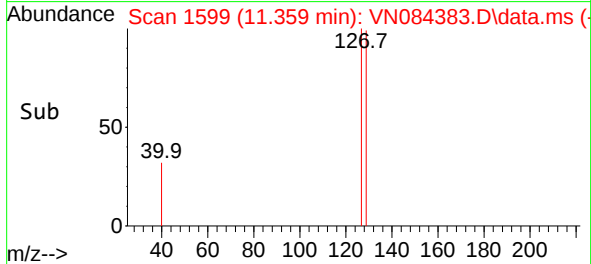
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



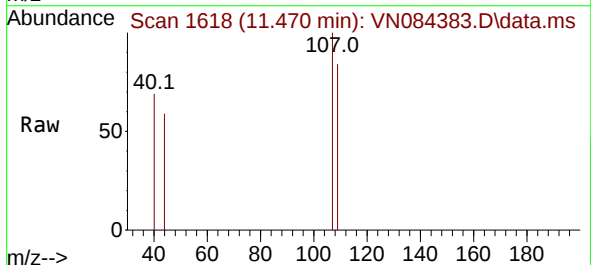
Tgt Ion:129 Resp: 404
Ion Ratio Lower Upper
129 100
127 37.9 38.3 114.9

Manual Integrations
APPROVED

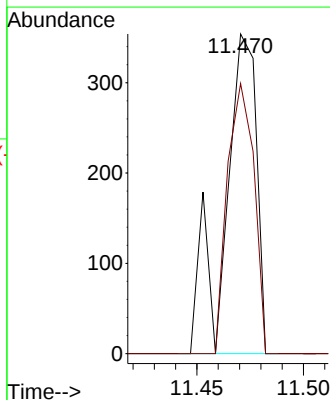
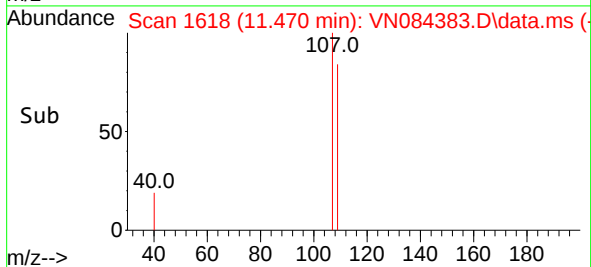
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

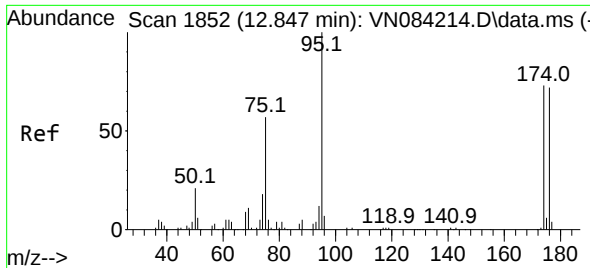


#61
1,2-Dibromoethane
Concen: 0.193 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion:107 Resp: 368
Ion Ratio Lower Upper
107 100
109 70.7 75.4 113.0





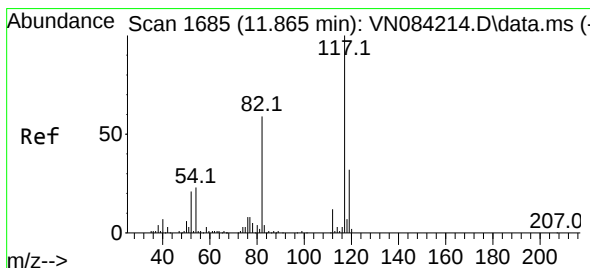
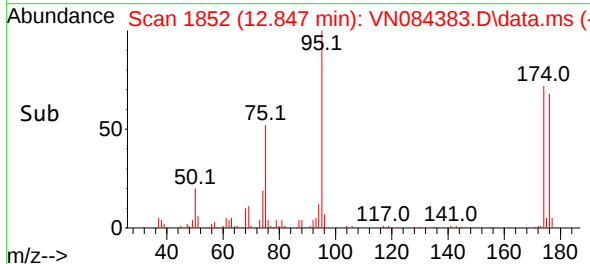
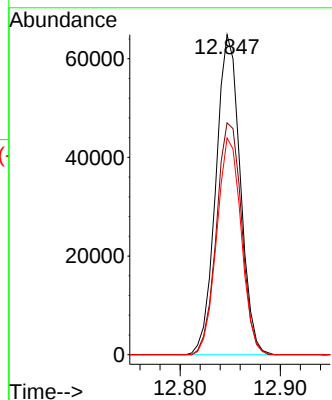
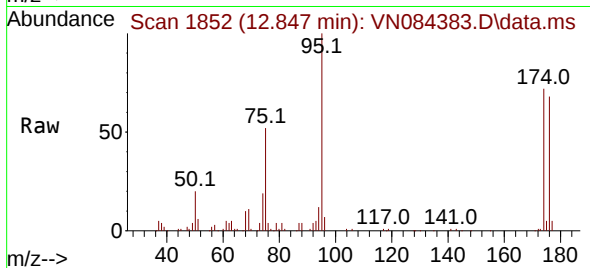
#62
4-Bromofluorobenzene
Concen: 44.032 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 95 Resp: 109300
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.2
176 68.1 0.0 140.0

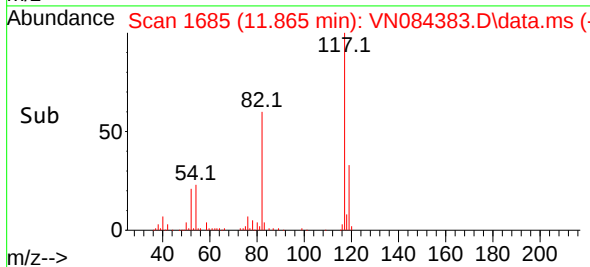
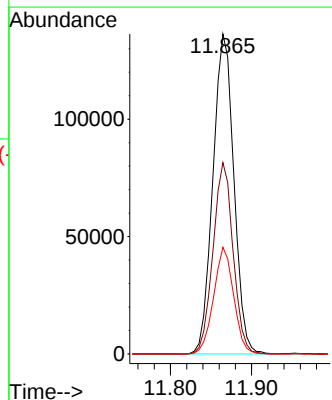
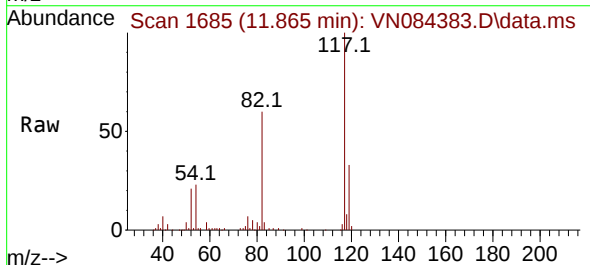
Manual Integrations
APPROVED

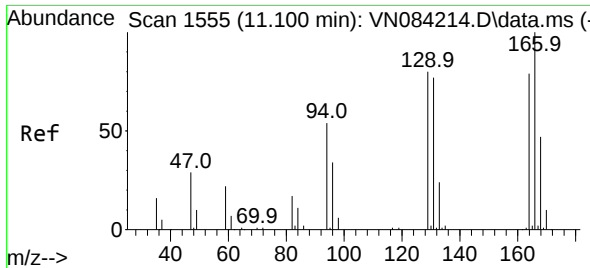
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

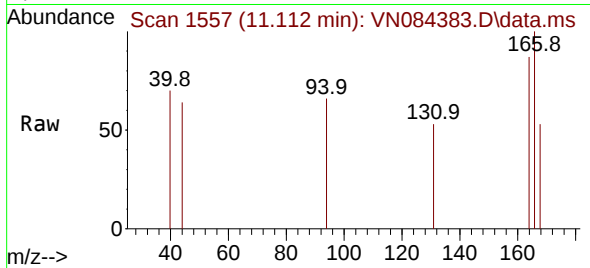
Tgt Ion:117 Resp: 244426
Ion Ratio Lower Upper
117 100
82 59.8 47.2 70.8
119 33.3 25.4 38.0





#64
Tetrachloroethene
Concen: 0.166 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

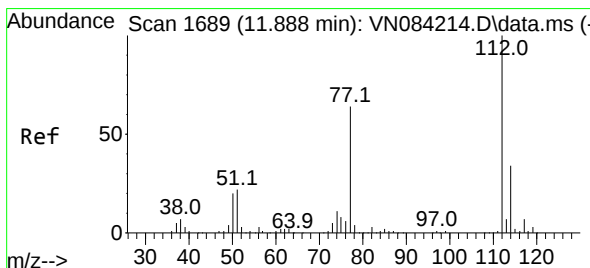
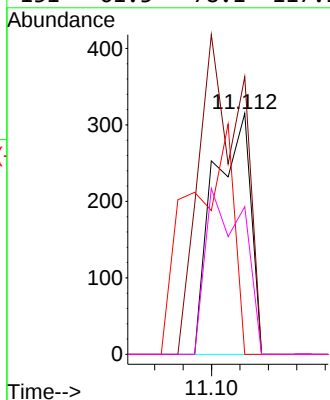
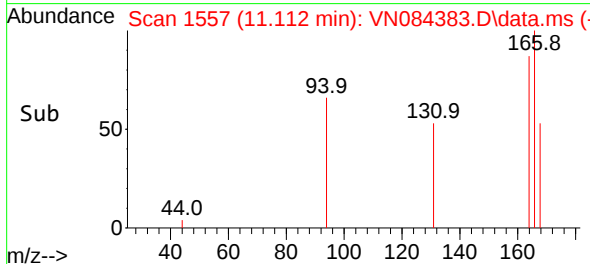
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:164 Resp: 281
Ion Ratio Lower Upper
164 100
166 115.2 101.0 151.4
129 0.0 80.8 121.2
131 61.3 78.1 117.1#

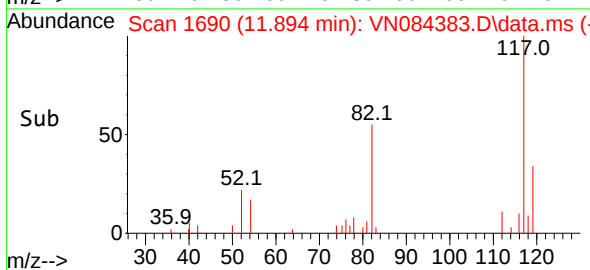
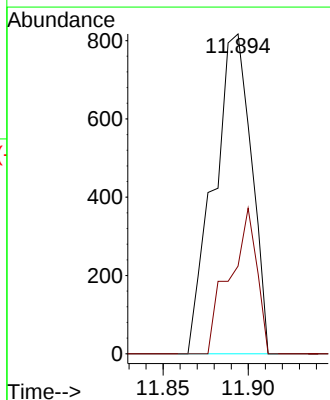
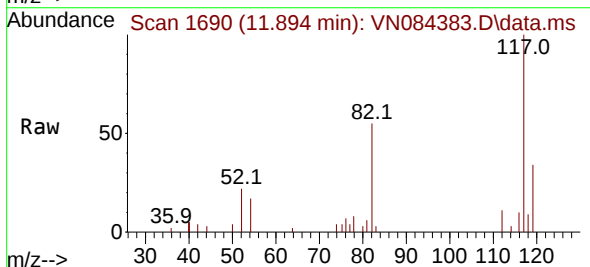
Manual Integrations
APPROVED

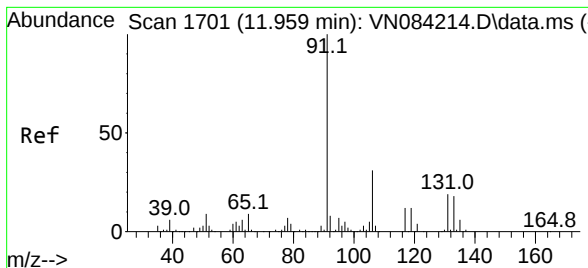
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#65
Chlorobenzene
Concen: 0.232 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

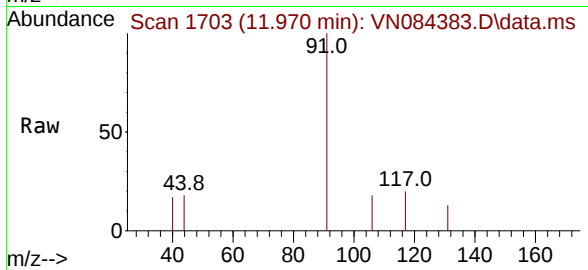
Tgt Ion:112 Resp: 1255
Ion Ratio Lower Upper
112 100
114 27.4 27.0 40.6





#66
1,1,1,2-Tetrachloroethane
Concen: 0.029 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

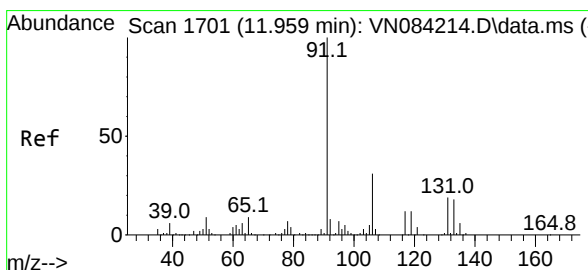
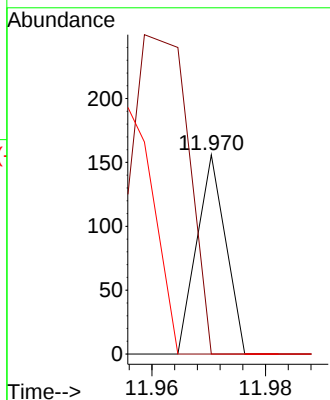
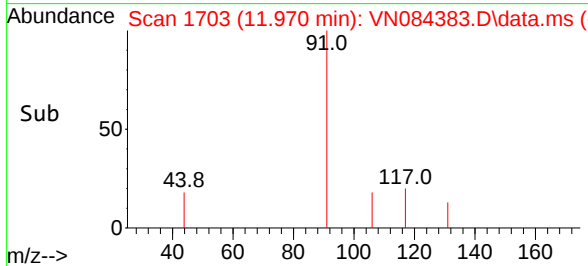
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



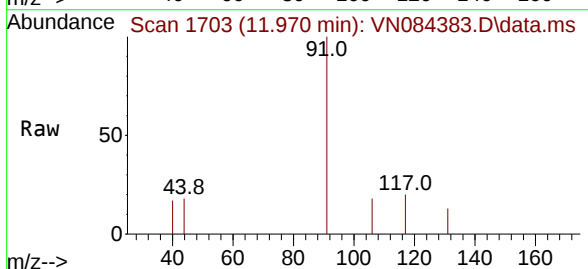
Tgt Ion:131 Resp: 58
Ion Ratio Lower Upper
131 100
133 445.5 47.9 143.7
119 0.0 32.8 98.3

Manual Integrations
APPROVED

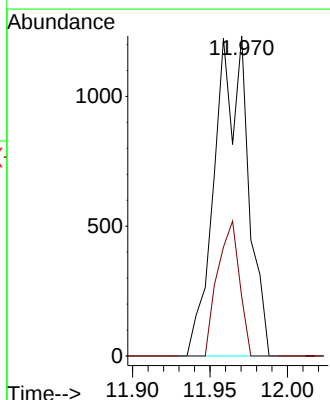
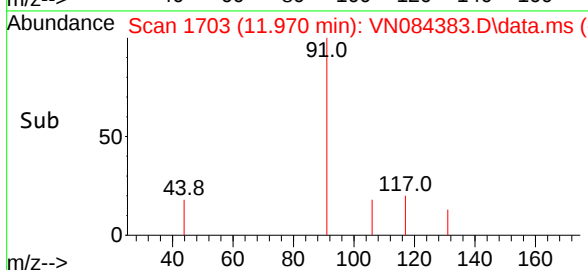
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

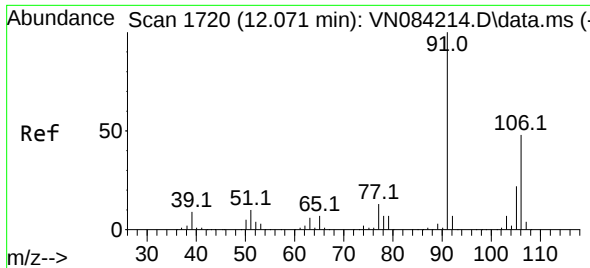


#67
Ethyl Benzene
Concen: 0.190 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion: 91 Resp: 1817
Ion Ratio Lower Upper
91 100
106 18.4 24.5 36.7#





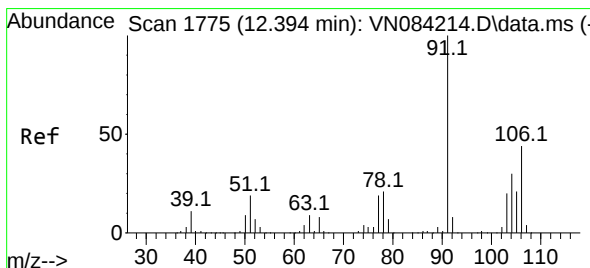
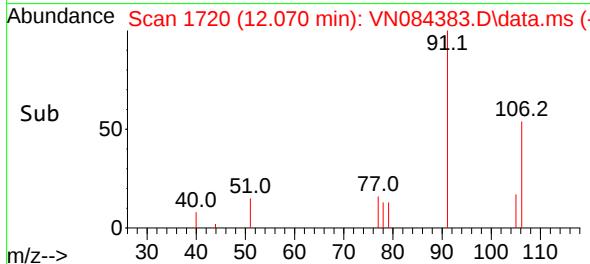
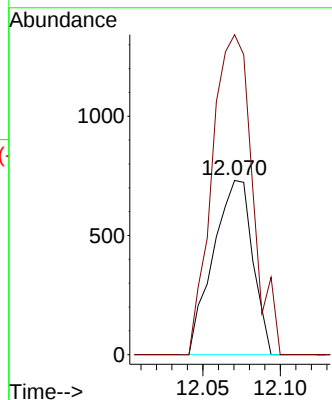
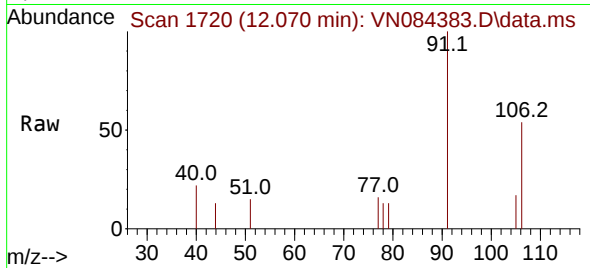
#68
m/p-Xylenes
Concen: 0.364 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 129
Ion Ratio Lower Upper
106 100
91 188.5 167.1 250.7

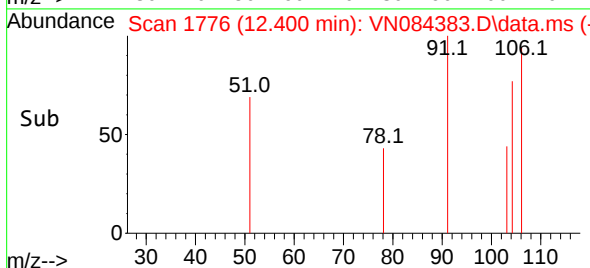
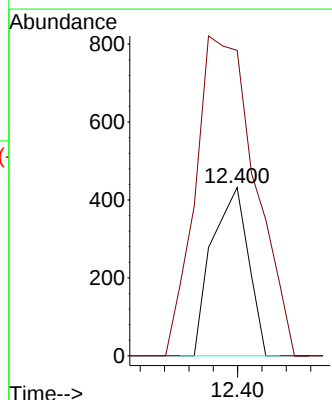
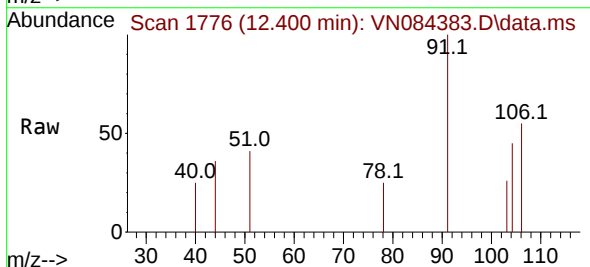
Manual Integrations
APPROVED

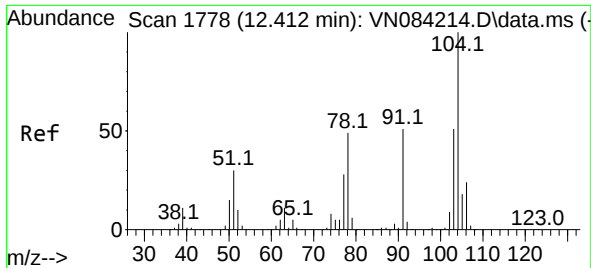
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#69
o-Xylene
Concen: 0.134 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

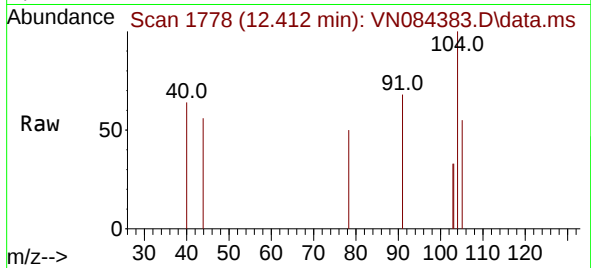
Tgt Ion:106 Resp: 448
Ion Ratio Lower Upper
106 100
91 312.1 110.2 330.6





#70
Styrene
Concen: 0.133 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

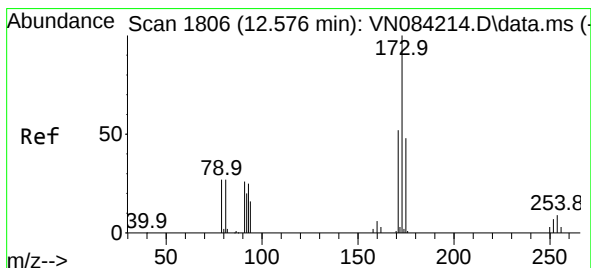
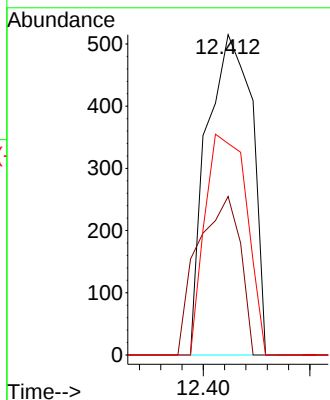
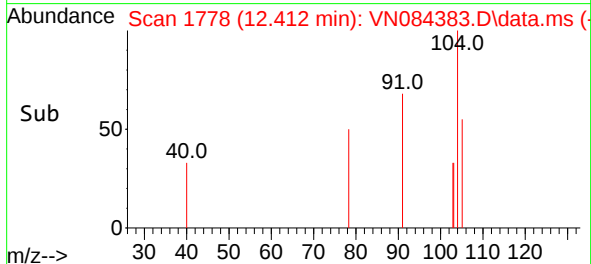
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:104 Resp: 75
Ion Ratio Lower Upper
104 100
78 46.6 42.7 64.1
103 63.9 43.6 65.4

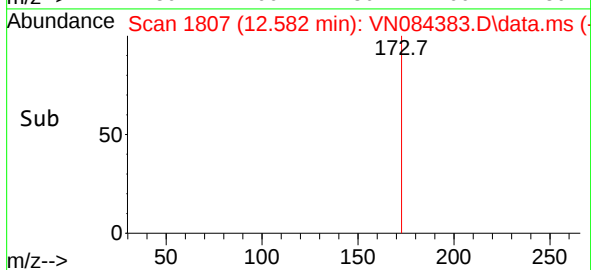
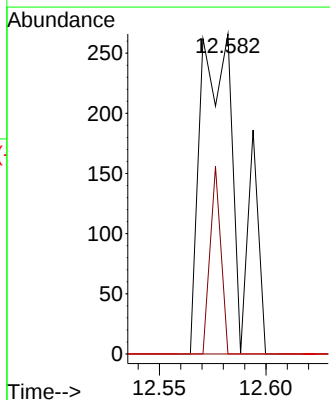
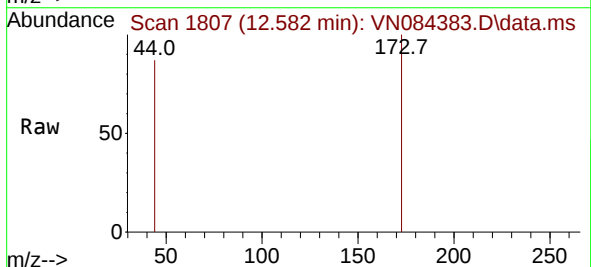
Manual Integrations
APPROVED

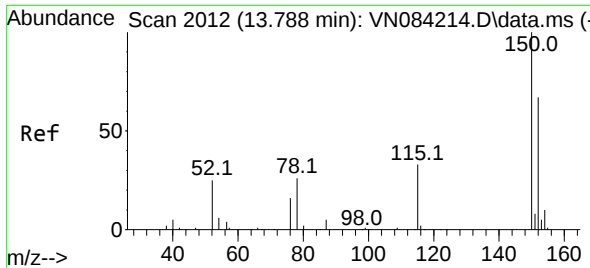
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#71
Bromoform
Concen: 0.236 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

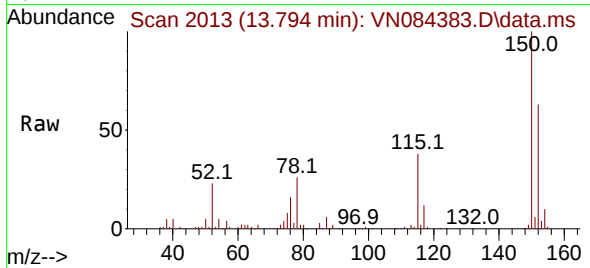
Tgt Ion:173 Resp: 325
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

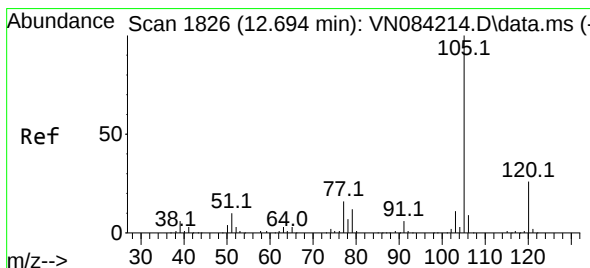
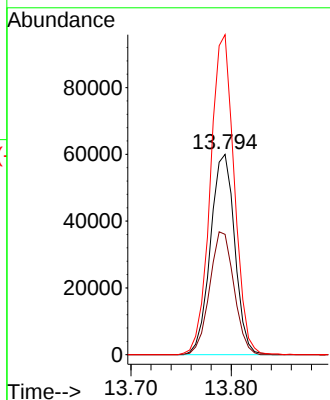
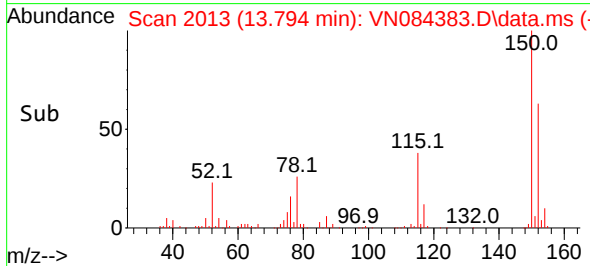
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



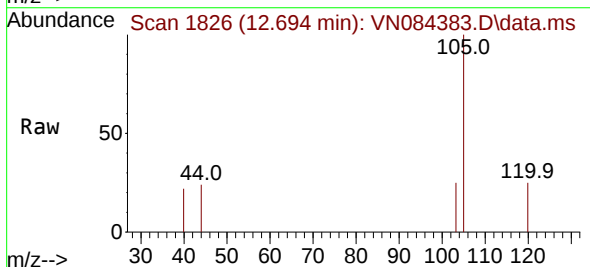
Tgt Ion:152 Resp: 100875
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.9
150 157.3 0.0 349.8

Manual Integrations
APPROVED

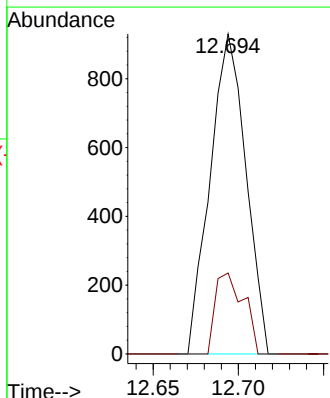
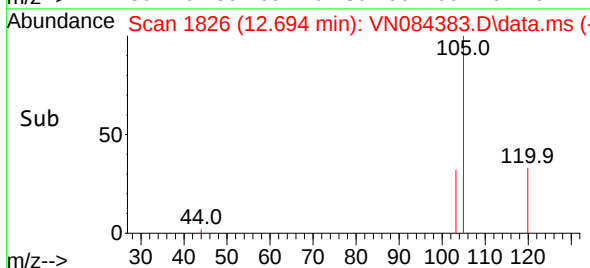
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

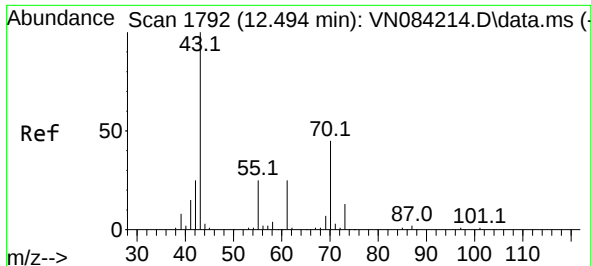


#73
Isopropylbenzene
Concen: 0.177 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion:105 Resp: 1359
Ion Ratio Lower Upper
105 100
120 19.9 12.9 38.7





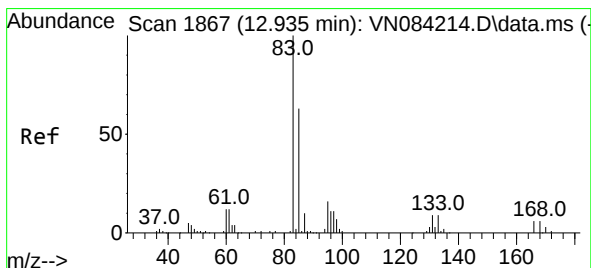
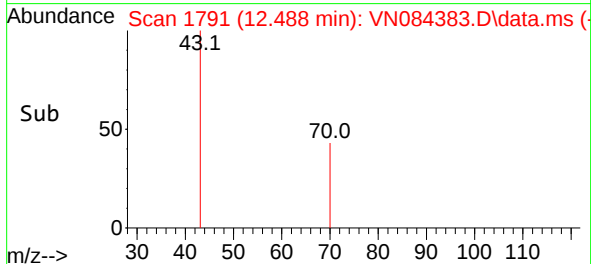
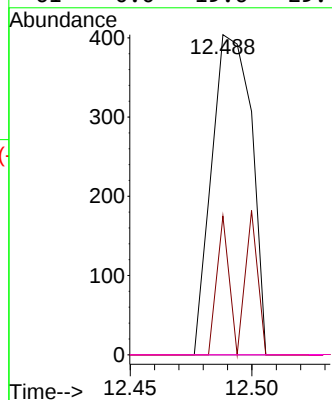
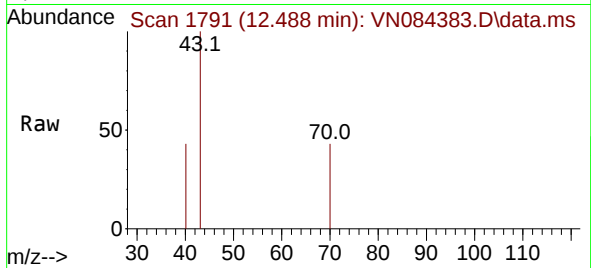
#74
N-amy1 acetate
Concen: 0.131 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
70 27.5 34.4 51.6
55 0.0 19.6 29.4
61 0.0 19.6 29.4#

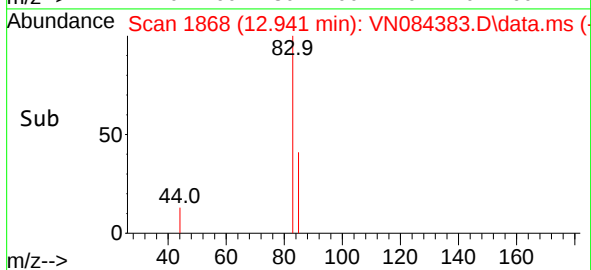
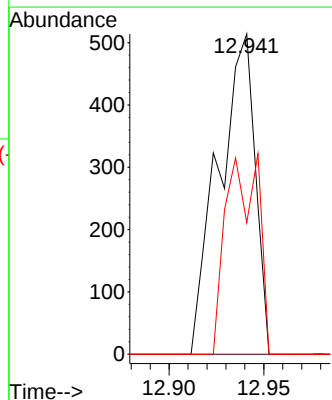
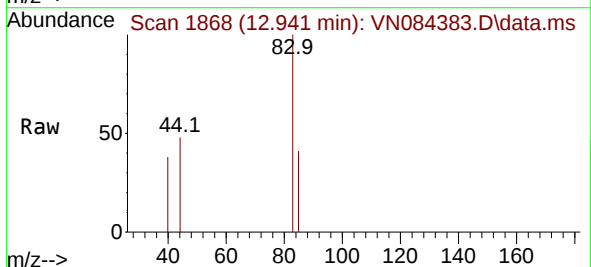
Manual Integrations
APPROVED

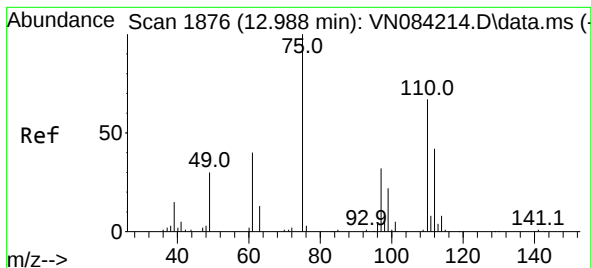
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 0.299 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Tgt Ion: 83 Resp: 691
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 55.1 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 0.298 ug/l m

RT: 13.000 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 75 Resp: 614

Ion Ratio Lower Upper

75 100

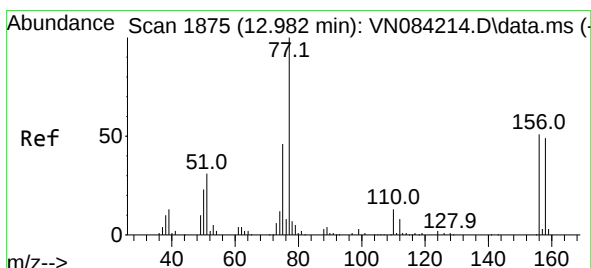
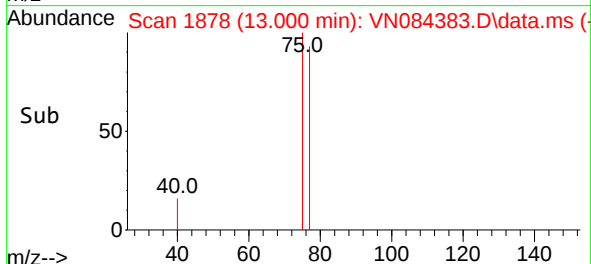
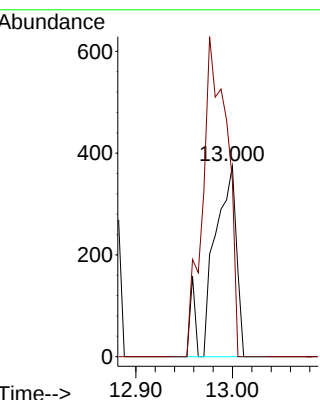
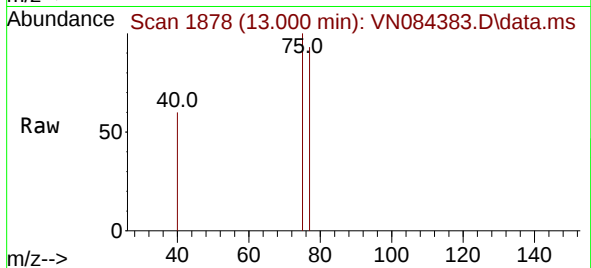
77 111.2 96.9 290.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#77

Bromobenzene

Concen: 0.247 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

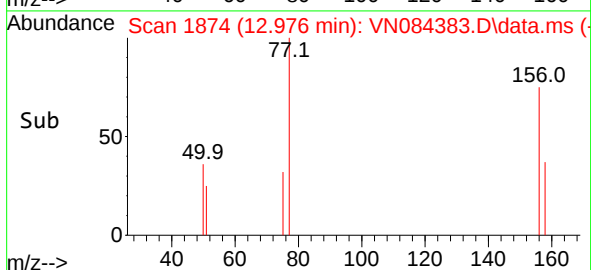
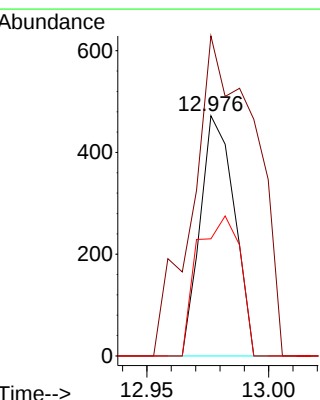
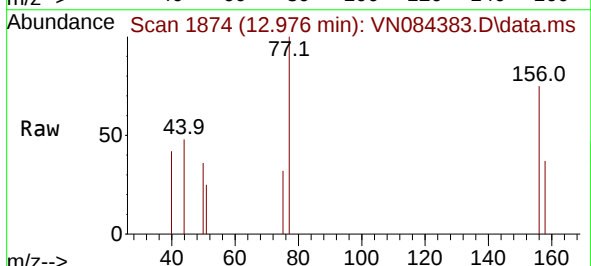
Tgt Ion:156 Resp: 459

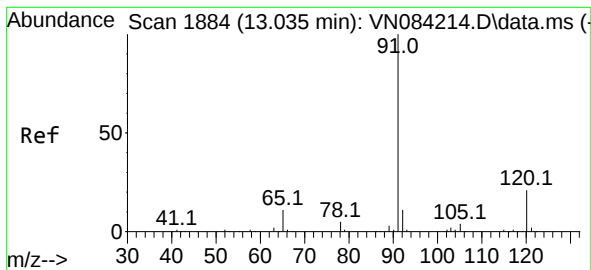
Ion Ratio Lower Upper

156 100

77 242.7 115.1 345.3

158 73.2 48.9 146.8





#78

n-propylbenzene

Concen: 0.214 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 1910

Ion Ratio Lower Upper

91 100

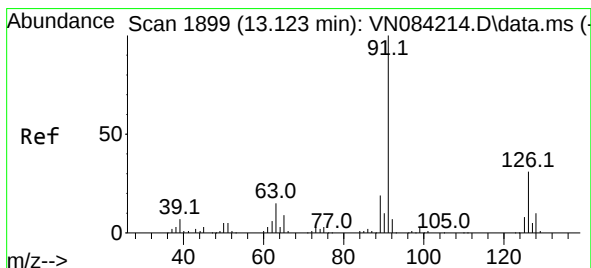
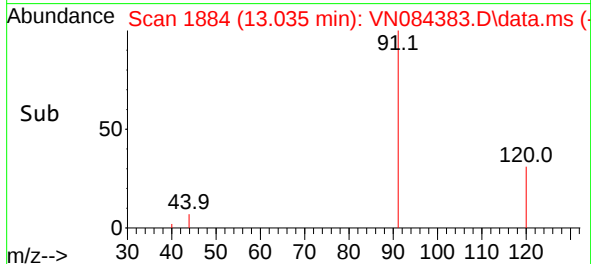
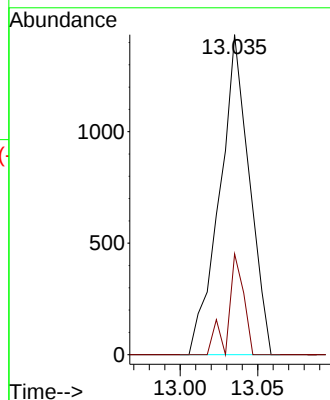
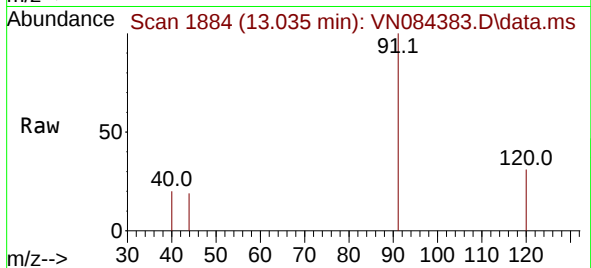
120 16.4 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#79

2-Chlorotoluene

Concen: 0.259 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. 0.094 min

Lab File: VN084383.D

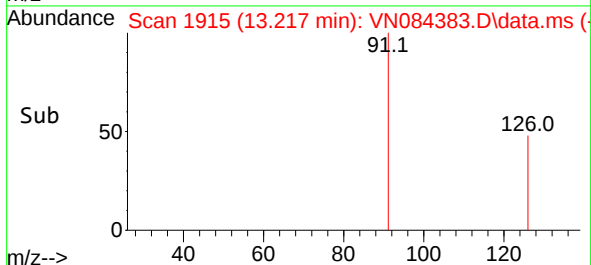
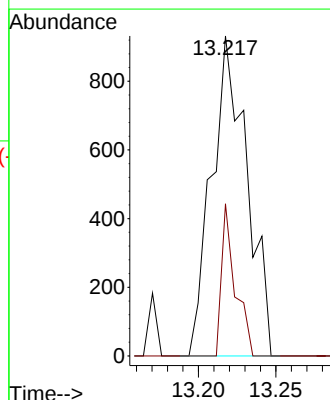
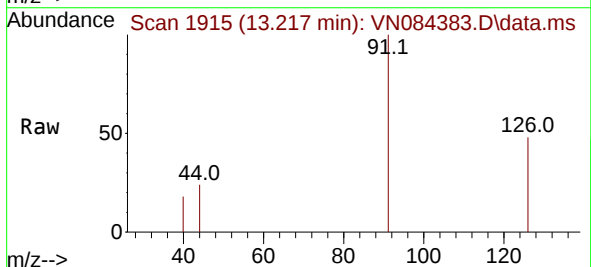
Acq: 10 Oct 2024 12:39

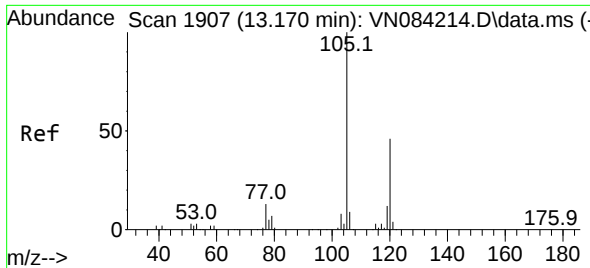
Tgt Ion: 91 Resp: 1472

Ion Ratio Lower Upper

91 100

126 18.5 15.7 47.1





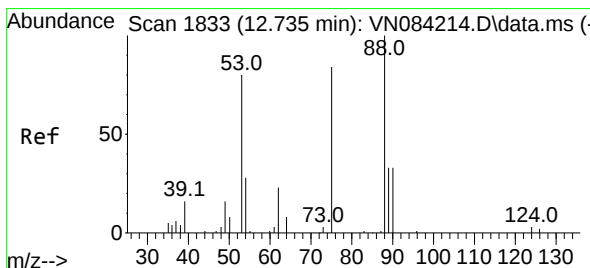
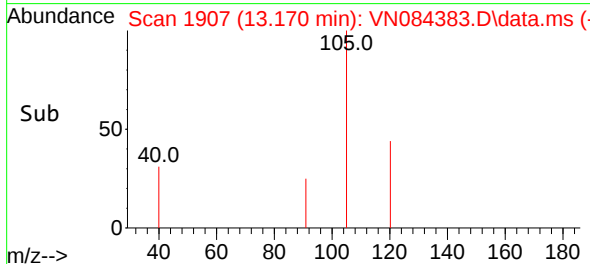
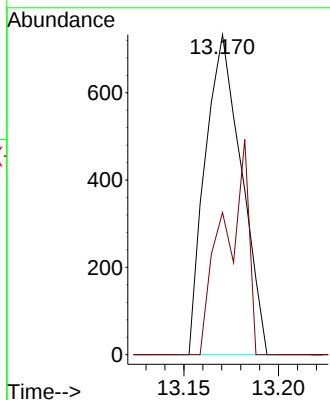
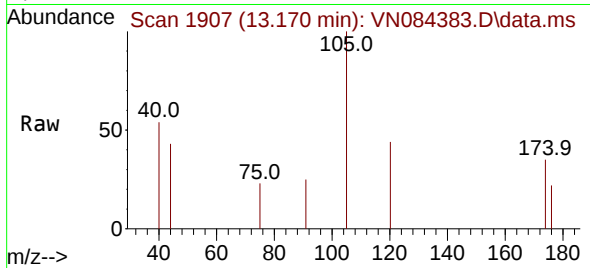
#80
1,3,5-Trimethylbenzene
Concen: 0.155 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 972
Ion Ratio Lower Upper
105 100
120 45.8 23.7 71.1

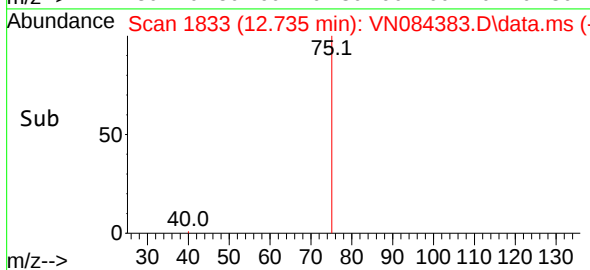
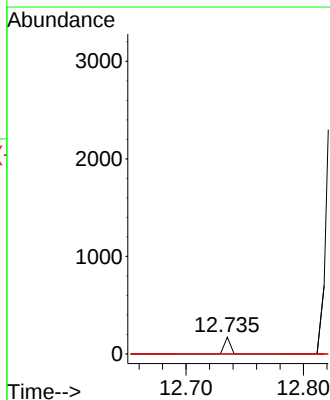
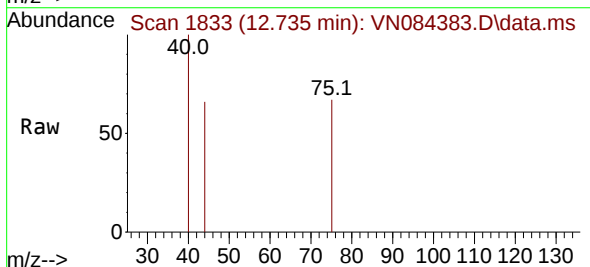
Manual Integrations
APPROVED

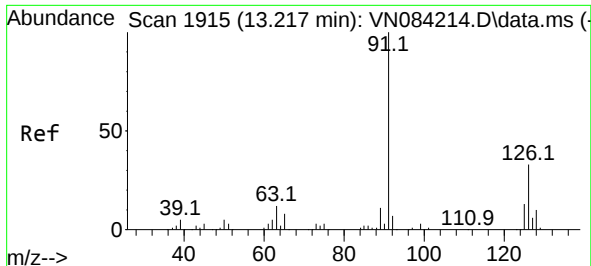
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#81
trans-1,4-Dichloro-2-butene
Concen: 0.071 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

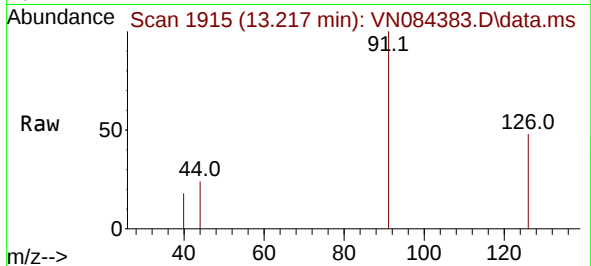
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#82
4-Chlorotoluene
Concen: 0.257 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

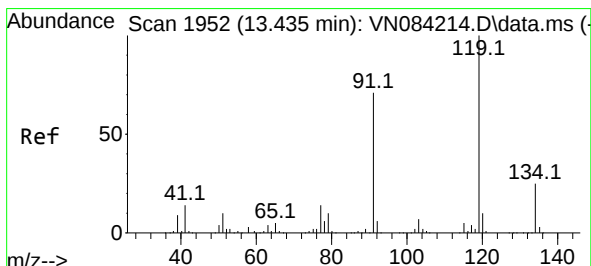
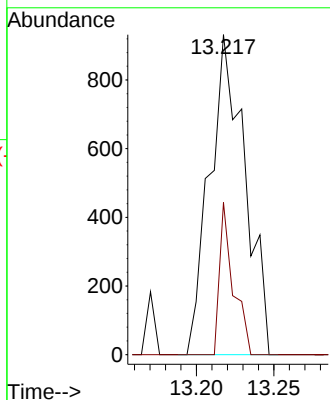
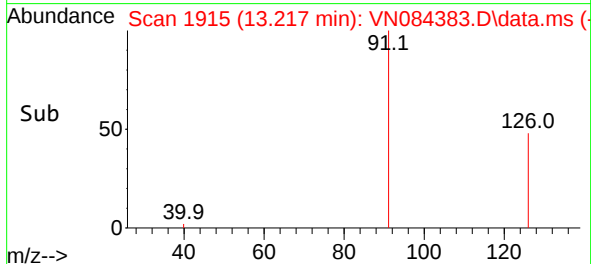
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



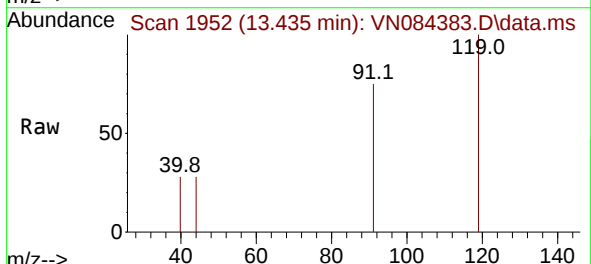
Tgt Ion: 91 Resp: 1472
Ion Ratio Lower Upper
91 100
126 18.5 15.7 47.1

Manual Integrations
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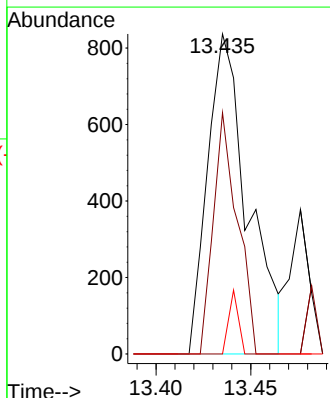
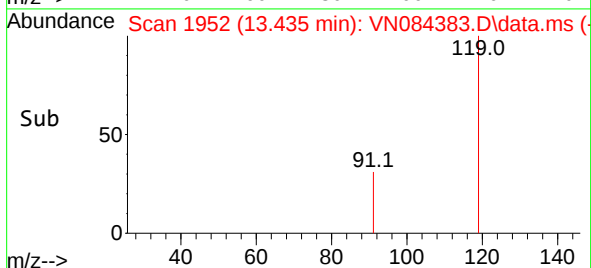
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

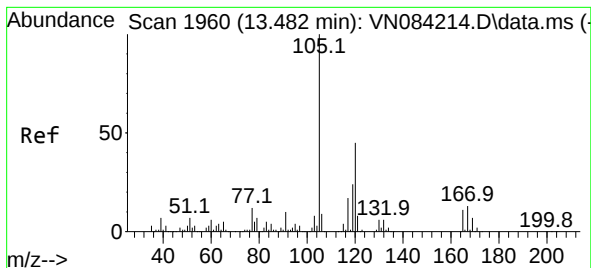


#83
tert-Butylbenzene
Concen: 0.223 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion:119 Resp: 1244
Ion Ratio Lower Upper
119 100
91 45.0 34.1 102.3
134 4.7 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.166 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

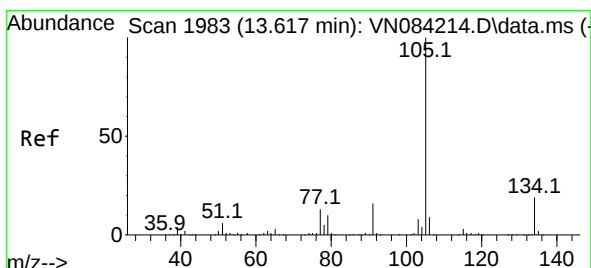
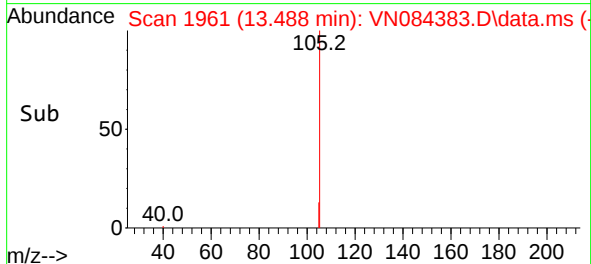
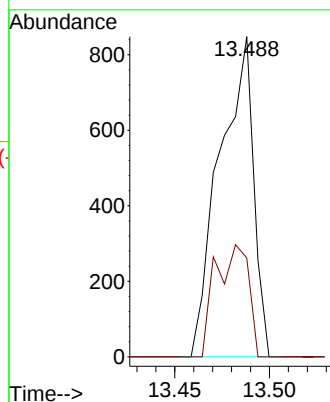
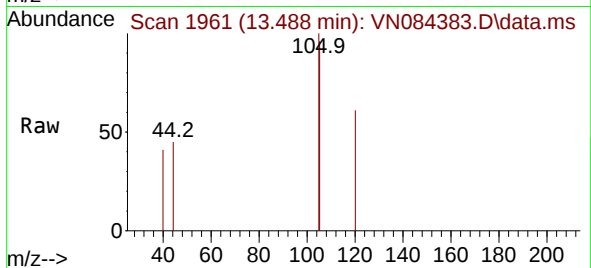
Tgt Ion:105 Resp: 1052
 Ion Ratio Lower Upper
 105 100
 120 34.1 22.3 66.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#85

sec-Butylbenzene

Concen: 0.171 ug/l

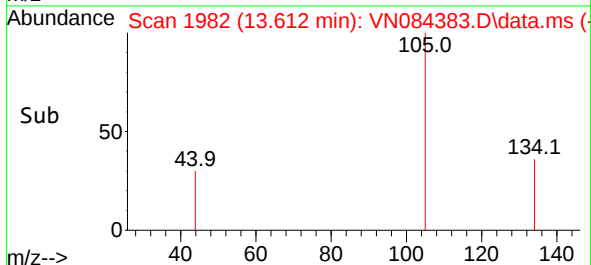
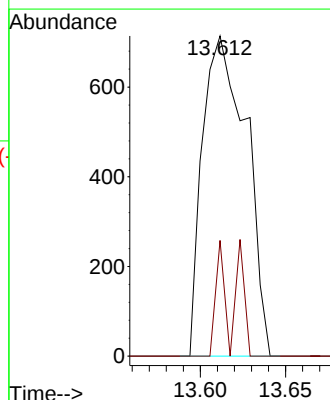
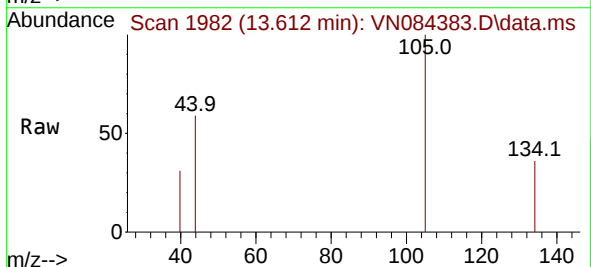
RT: 13.612 min Scan# 1982

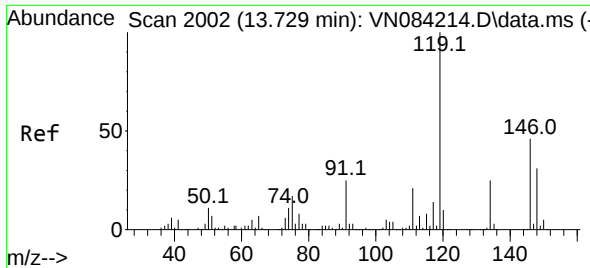
Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

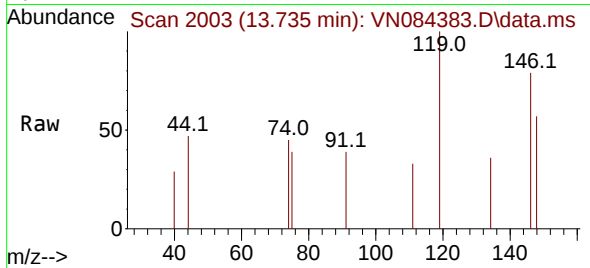
Tgt Ion:105 Resp: 1273
 Ion Ratio Lower Upper
 105 100
 134 14.4 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.172 ug/l
RT: 13.735 min Scan# 2001
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

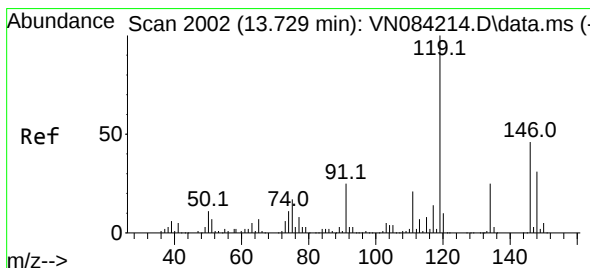
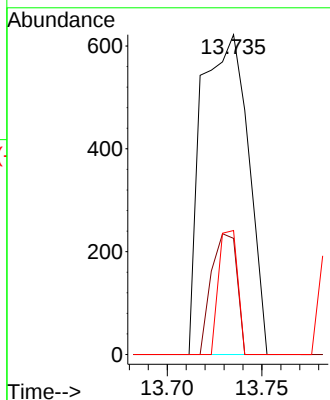
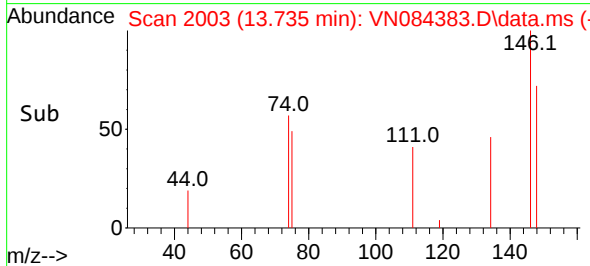
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



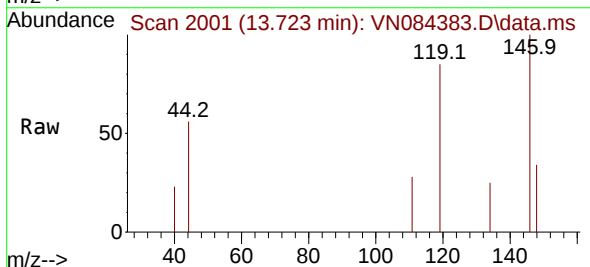
Tgt Ion:119 Resp: 1060
Ion Ratio Lower Upper
119 100
134 20.8 12.6 37.8
91 15.8 12.4 37.2

Manual Integrations
APPROVED

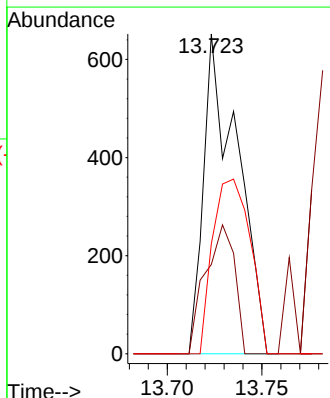
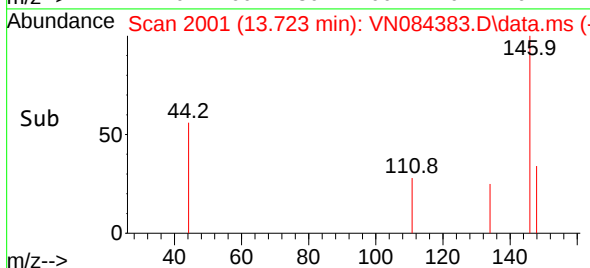
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

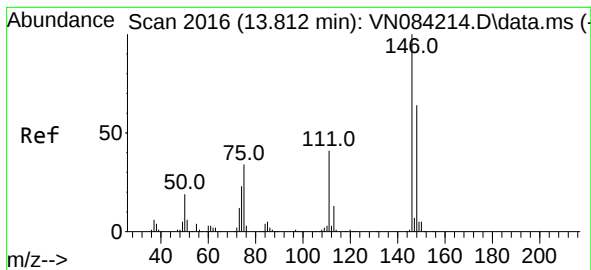


#87
1,3-Dichlorobenzene
Concen: 0.231 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion:146 Resp: 806
Ion Ratio Lower Upper
146 100
111 35.0 21.8 65.3
148 60.9 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 0.326 ug/l m

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

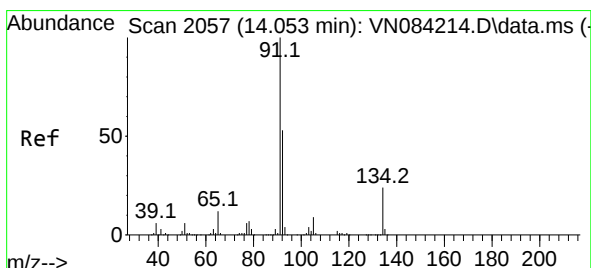
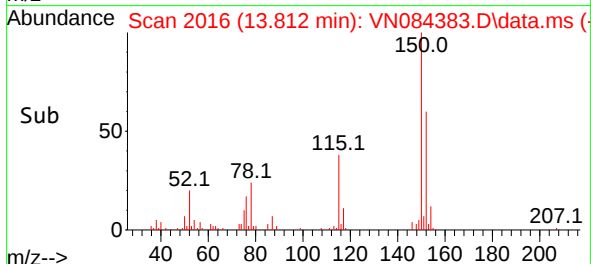
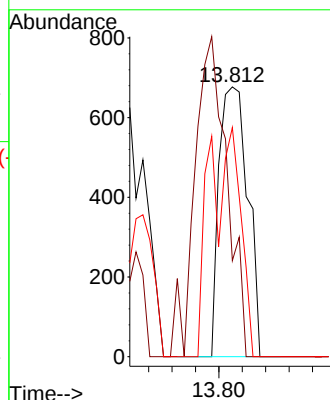
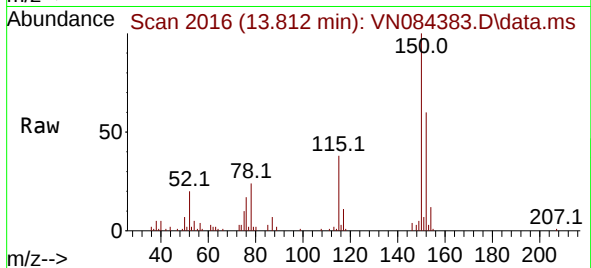
Tgt Ion:	146	Resp:	114
Ion	Ratio	Lower	Upper
146	100		
111	24.6	21.2	63.6
148	42.8	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#89

n-Butylbenzene

Concen: 0.184 ug/l

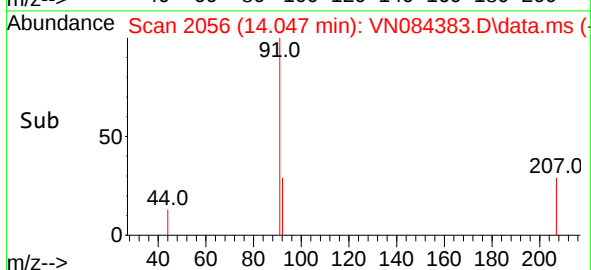
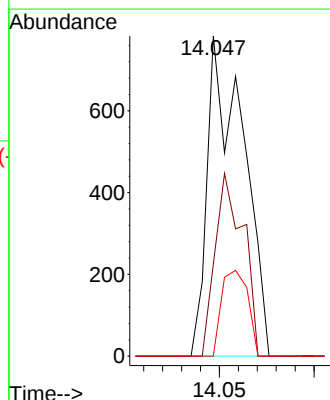
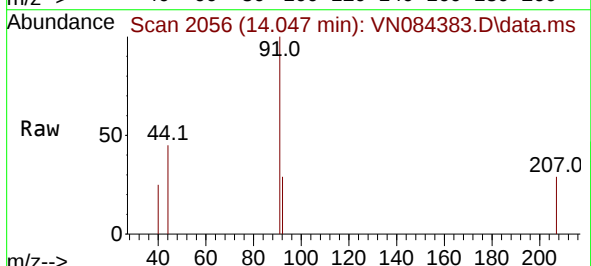
RT: 14.047 min Scan# 2056

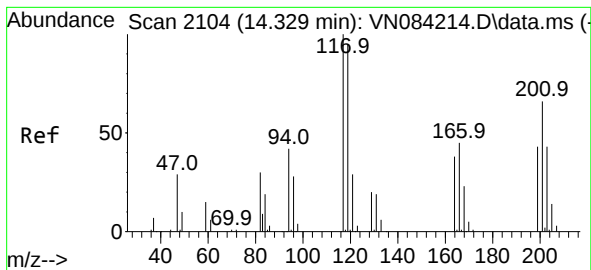
Delta R.T. -0.006 min

Lab File: VN084383.D

Acq: 10 Oct 2024 12:39

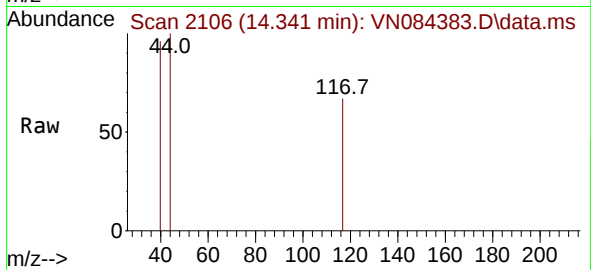
Tgt Ion:	91	Resp:	1028
Ion	Ratio	Lower	Upper
91	100		
92	44.7	26.6	79.7
134	19.6	12.3	36.9





#90
Hexachloroethane
Concen: 0.042 ug/l m
RT: 14.341 min Scan# 2104
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

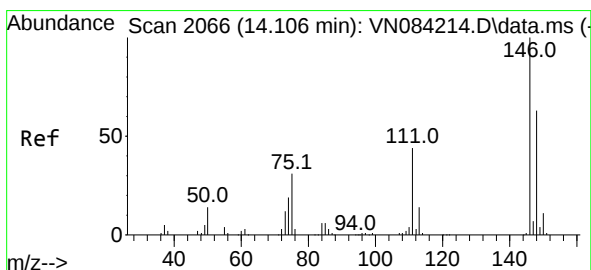
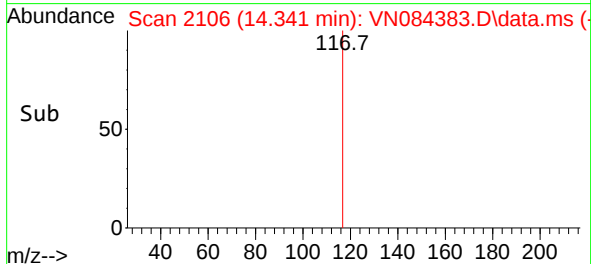
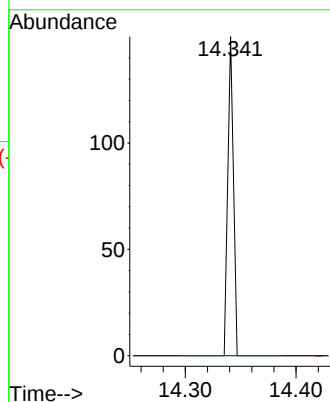
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:117 Resp: 51
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.2

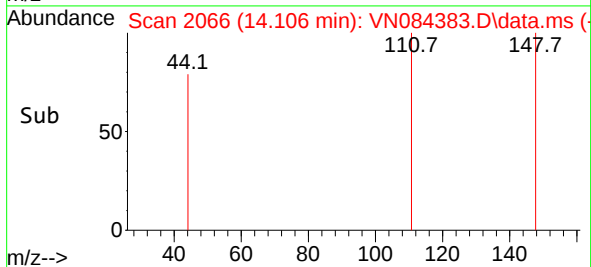
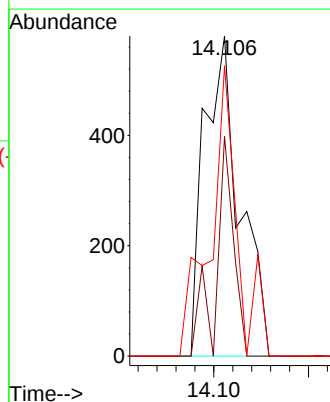
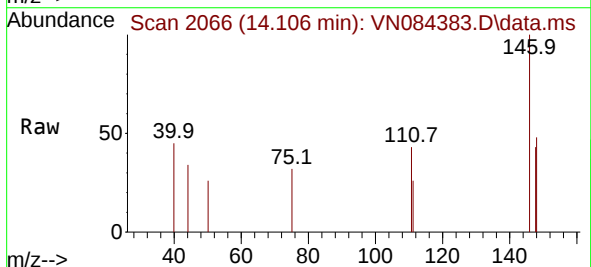
Manual Integrations
APPROVED

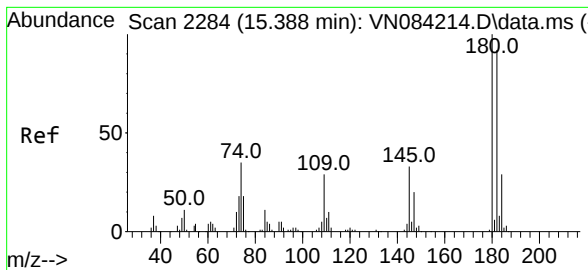
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#91
1,2-Dichlorobenzene
Concen: 0.221 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

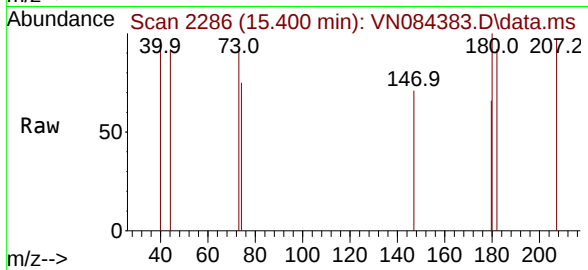
Tgt Ion:146 Resp: 754
Ion Ratio Lower Upper
146 100
111 34.2 22.0 66.0
148 69.9 32.1 96.3





#93
1,2,4-Trichlorobenzene
Concen: 0.280 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

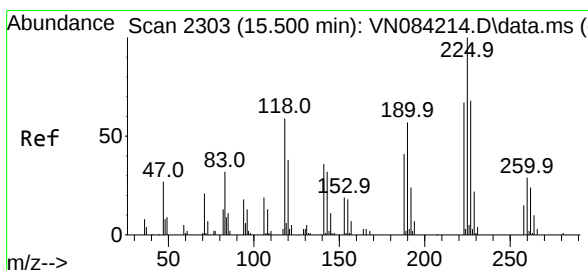
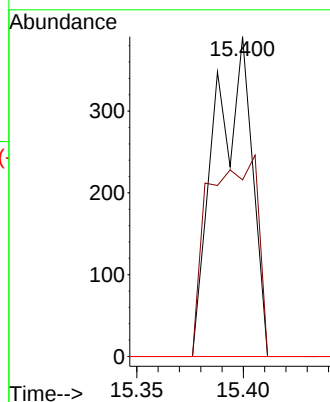
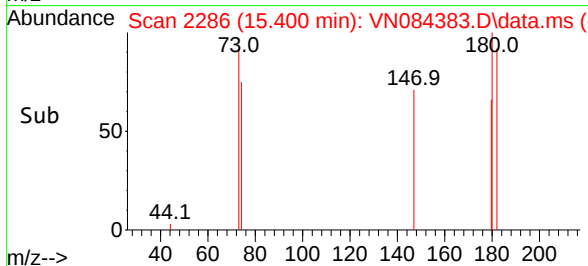
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



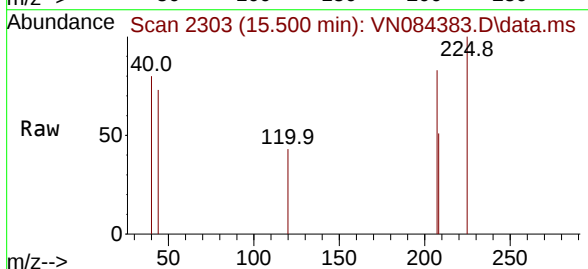
Tgt Ion:180 Resp: 47.0
Ion Ratio Lower Upper
180 100
182 83.2 47.0 141.0
145 0.0 16.4 49.4

Manual Integrations
APPROVED

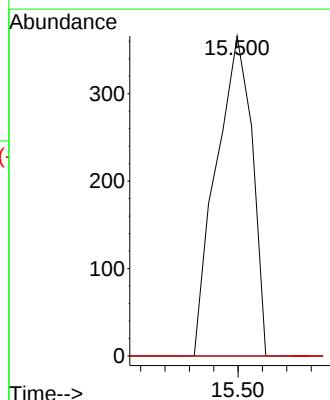
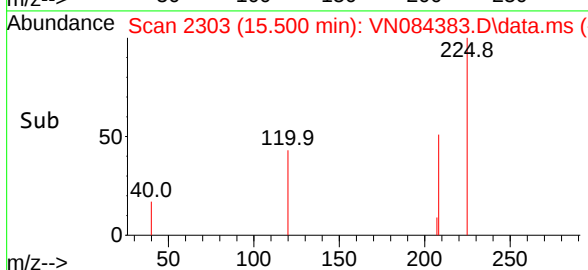
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

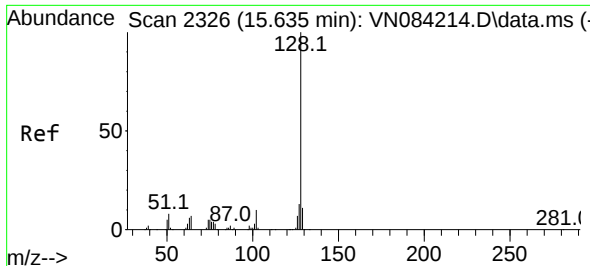


#94
Hexachlorobutadiene
Concen: 0.446 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



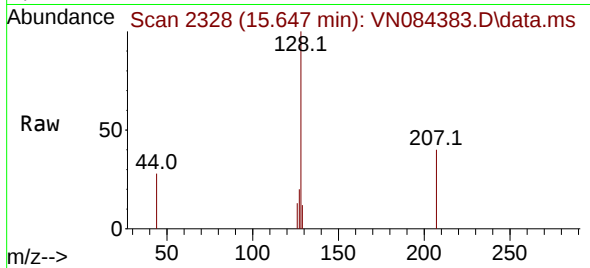
Tgt Ion:225 Resp: 374
Ion Ratio Lower Upper
225 100
223 0.0 32.4 97.2#
227 0.0 32.4 97.0#





#95
Naphthalene
Concen: 0.453 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.012 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39

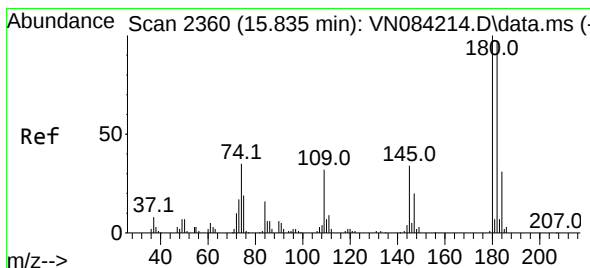
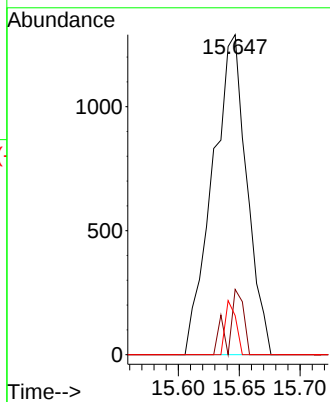
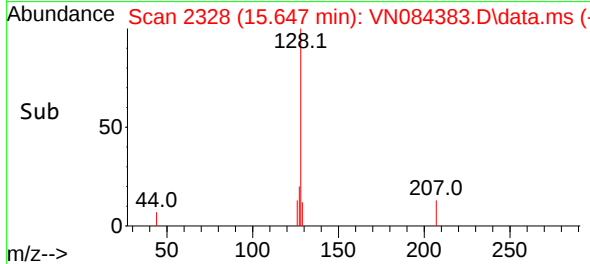
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



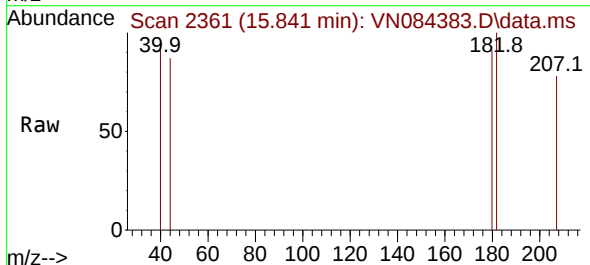
Tgt Ion:128 Resp: 2528
Ion Ratio Lower Upper
128 100
127 8.9 10.5 15.7
129 5.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.202 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084383.D
Acq: 10 Oct 2024 12:39



Tgt Ion:180 Resp: 340
Ion Ratio Lower Upper
180 100
182 70.6 48.2 144.6
145 0.0 17.3 51.9

