

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076756.D
 Acq On : 21 Feb 2023 17:37
 Operator : JC\MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 22 04:13:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	237660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	437095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	382667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	157921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	195330	59.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.040%			
35) Dibromofluoromethane	8.172	113	144873	50.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.220%			
50) Toluene-d8	10.572	98	549966	51.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.854	95	164357	46.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	4531	1.795	ug/l	95
3) Chloromethane	2.378	50	8480	2.576	ug/l	96
4) Vinyl Chloride	2.531	62	8875	2.739	ug/l	89
5) Bromomethane	2.960	94	7881	4.014	ug/l #	77
6) Chloroethane	3.131	64	6237	3.046	ug/l #	86
7) Trichlorofluoromethane	3.519	101	11096	2.517	ug/l	94
8) Diethyl Ether	3.966	74	4219	2.483	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.390	101	6942m	2.680	ug/l	
10) Methyl Iodide	4.601	142	6793	2.123	ug/l	95
11) Tert butyl alcohol	5.525	59	5553m	12.819	ug/l	
12) 1,1-Dichloroethene	4.360	96	6206	2.530	ug/l #	82
13) Acrolein	4.207	56	7599	11.685	ug/l	90
14) Allyl chloride	5.025	41	13042m	3.068	ug/l	
15) Acrylonitrile	5.725	53	22603	14.703	ug/l	93
16) Acetone	4.460	43	20205	13.783	ug/l #	75
17) Carbon Disulfide	4.713	76	15629	2.413	ug/l	95
18) Methyl Acetate	5.049	43	13093	2.736	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	20956	2.534	ug/l	96
20) Methylene Chloride	5.284	84	8677	2.824	ug/l #	77
21) trans-1,2-Dichloroethene	5.790	96	7342	2.659	ug/l #	68
22) Diisopropyl ether	6.684	45	28007	2.809	ug/l	98
23) Vinyl Acetate	6.613	43	85968	14.575	ug/l #	93
24) 1,1-Dichloroethane	6.584	63	15536	2.843	ug/l #	81
25) 2-Butanone	7.490	43	31964	14.782	ug/l #	88
26) 2,2-Dichloropropane	7.495	77	11488	2.915	ug/l #	72
27) cis-1,2-Dichloroethene	7.495	96	8551	2.611	ug/l	85
28) Bromochloromethane	7.825	49	8109	3.118	ug/l	85
29) Tetrahydrofuran	7.860	42	20359	14.411	ug/l	97
30) Chloroform	7.966	83	14820	2.715	ug/l #	80
31) Cyclohexane	8.248	56	19515	3.791	ug/l #	77
32) 1,1,1-Trichloroethane	8.172	97	13080	2.850	ug/l #	52
36) 1,1-Dichloropropene	8.372	75	11066	2.676	ug/l	95
37) Ethyl Acetate	7.560	43	11956	2.748	ug/l #	93
38) Carbon Tetrachloride	8.366	117	10308	2.471	ug/l	96
39) Methylcyclohexane	9.607	83	12190	2.593	ug/l #	74
40) Benzene	8.607	78	35475	2.793	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	7766	3.081	ug/l	94
42) 1,2-Dichloroethane	8.684	62	13286	2.999	ug/l	96
43) Isopropyl Acetate	8.695	43	19652	2.775	ug/l	96
44) Trichloroethene	9.348	130	7427	2.475	ug/l	77
45) 1,2-Dichloropropane	9.625	63	8880	2.641	ug/l	95
46) Dibromomethane	9.713	93	5760	2.680	ug/l	90
47) Bromodichloromethane	9.889	83	11042	2.562	ug/l	93
48) Methyl methacrylate	9.689	41	7723	2.299	ug/l #	87
49) 1,4-Dioxane	9.701	88	3610	62.112	ug/l #	92
51) 4-Methyl-2-Pentanone	10.448	43	60425	13.413	ug/l	94
52) Toluene	10.631	92	19963	2.603	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	10381	2.496	ug/l	89
54) cis-1,3-Dichloropropene	10.319	75	11742	2.447	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	8478	2.719	ug/l #	89
56) Ethyl methacrylate	10.878	69	9973	2.272	ug/l #	83
57) 1,3-Dichloropropane	11.166	76	14166	2.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	23921	11.901	ug/l	95
59) 2-Hexanone	11.201	43	39926	12.291	ug/l	95
60) Dibromochloromethane	11.366	129	7454	2.268	ug/l	99
61) 1,2-Dibromoethane	11.472	107	7767	2.489	ug/l	87
64) Tetrachloroethene	11.101	164	5790	2.401	ug/l	94
65) Chlorobenzene	11.895	112	20728	2.556	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.966	131	7281	2.472	ug/l	87
67) Ethyl Benzene	11.966	91	33662	2.436	ug/l	98
68) m/p-Xylenes	12.077	106	24359	4.574	ug/l	96
69) o-Xylene	12.401	106	12827	2.470	ug/l	97
70) Styrene	12.413	104	17498	2.083	ug/l #	86
71) Bromoform	12.572	173	4799m	2.221	ug/l	
73) Isopropylbenzene	12.695	105	28662	2.476	ug/l	97
74) N-amyl acetate	12.495	43	13034	2.498	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.936	83	12606	3.009	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	8327m	2.608	ug/l	
77) Bromobenzene	12.983	156	7828	2.711	ug/l	89
78) n-propylbenzene	13.042	91	35625	2.621	ug/l	99
79) 2-Chlorotoluene	13.124	91	22632	2.719	ug/l	99
80) 1,3,5-Trimethylbenzene	13.172	105	24452	2.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	2833	2.584	ug/l	90
82) 4-Chlorotoluene	13.124	91	22632	2.719	ug/l	99
83) tert-Butylbenzene	13.442	119	21532	2.488	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	24415	2.561	ug/l	96
85) sec-Butylbenzene	13.619	105	28810	2.385	ug/l	97
86) p-Isopropyltoluene	13.730	119	21038	2.181	ug/l	91
87) 1,3-Dichlorobenzene	13.736	146	13304	2.437	ug/l	91
88) 1,4-Dichlorobenzene	13.819	146	14216	2.615	ug/l	85
89) n-Butylbenzene	14.060	91	18251	2.175	ug/l	99
90) Hexachloroethane	14.330	117	5356	2.651	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	15215	2.719	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1890	2.328	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	5698	2.041	ug/l	92
94) Hexachlorobutadiene	15.501	225	3416	2.497	ug/l	98
95) Naphthalene	15.642	128	16968	2.003	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	6716	2.483	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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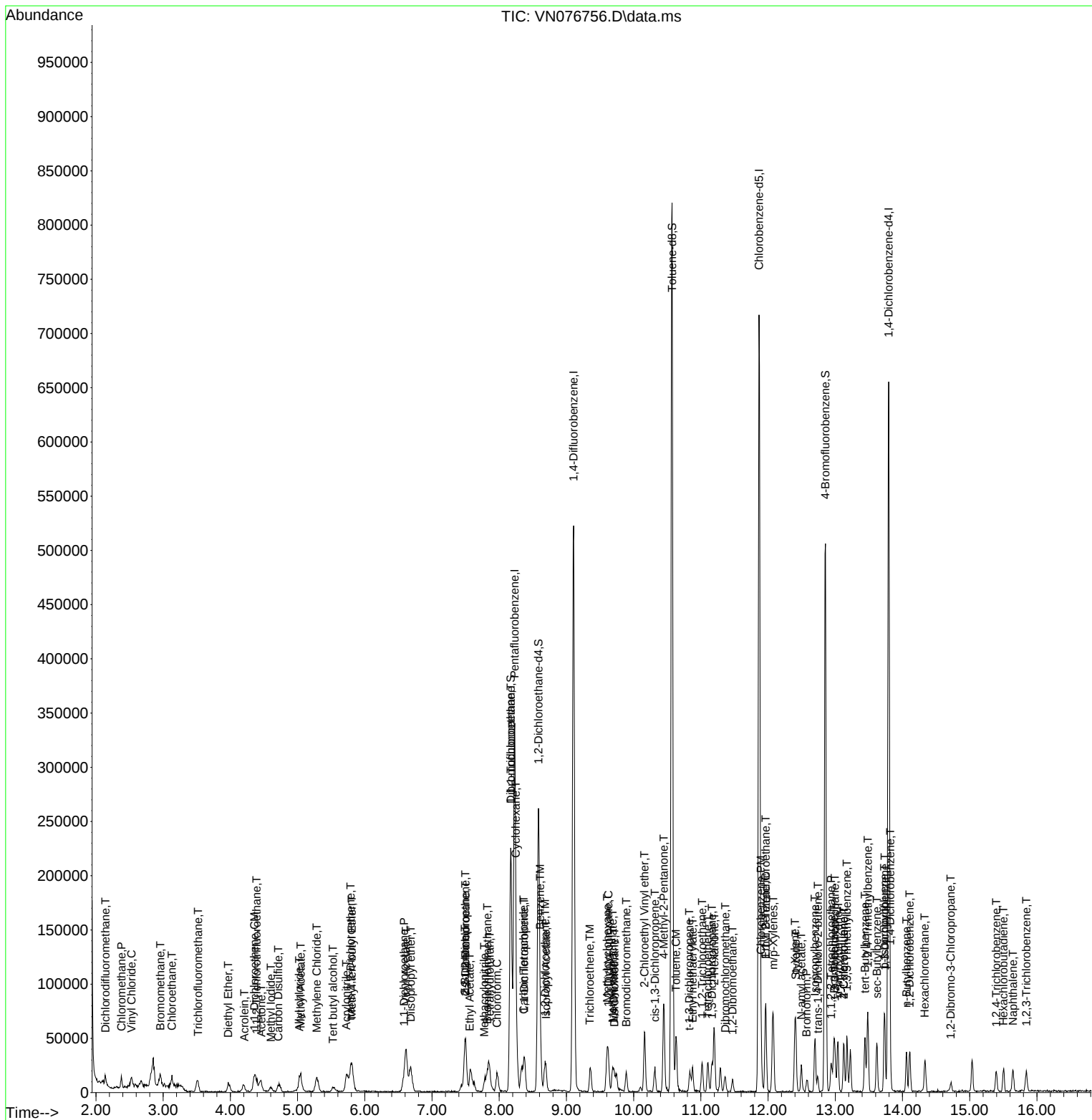
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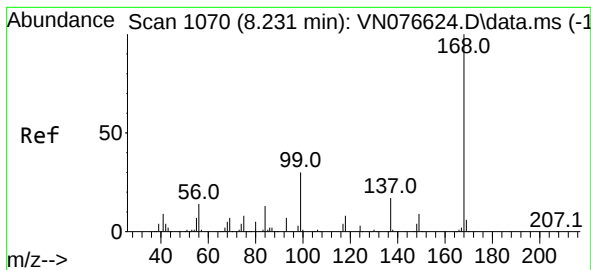
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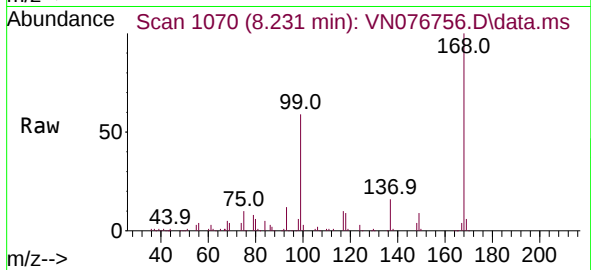
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

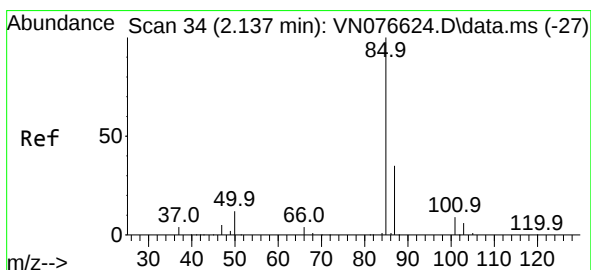
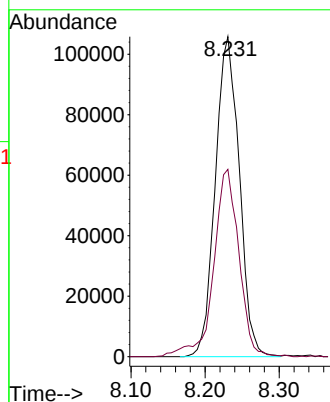
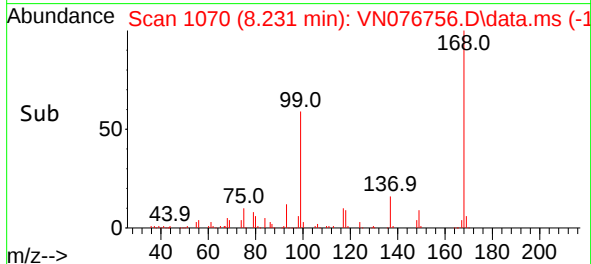
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Tgt Ion:168 Resp: 237660
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2

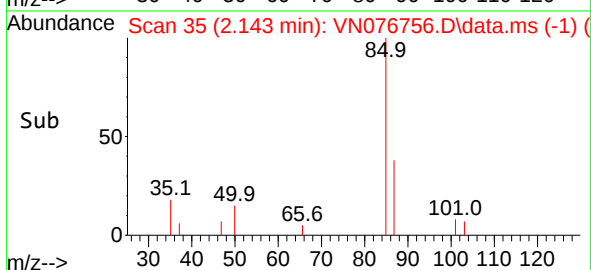
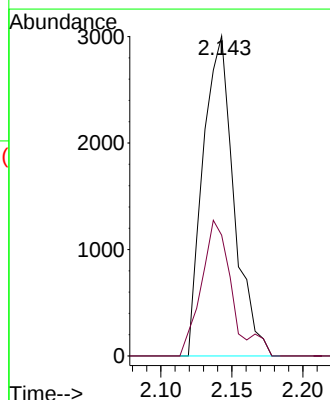
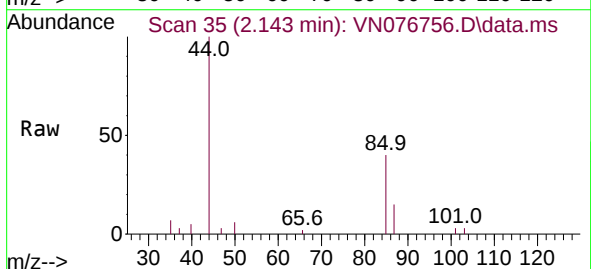
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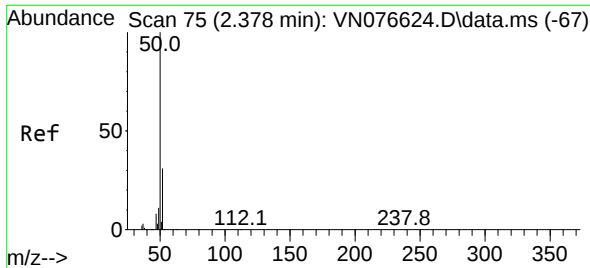
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 1.795 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

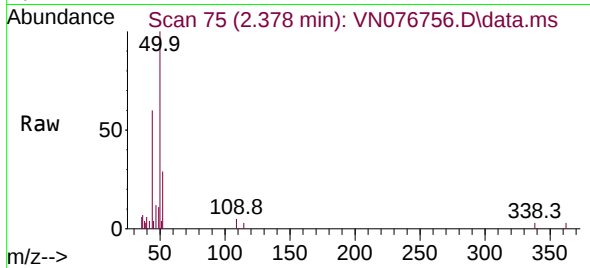
Tgt Ion: 85 Resp: 4531
Ion Ratio Lower Upper
85 100
87 37.8 17.4 52.2





#3
Chloromethane
Concen: 2.576 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

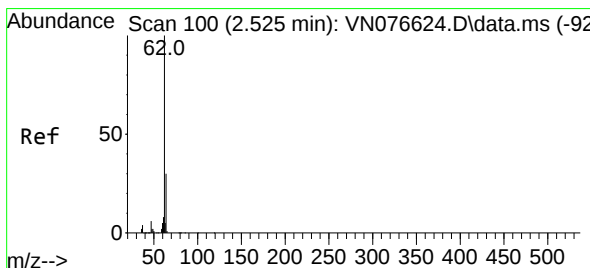
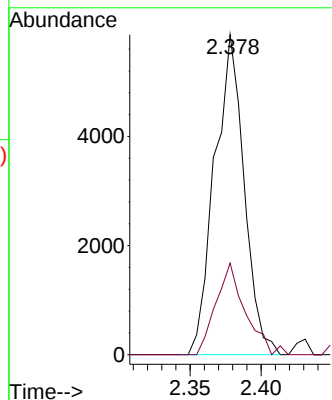
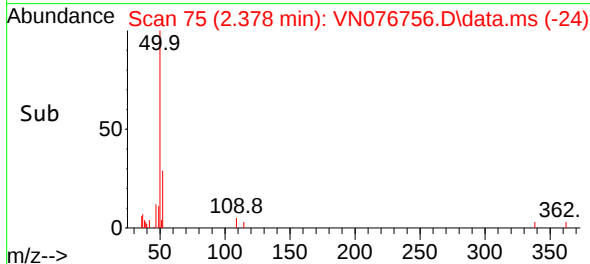
Instrument :
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Tgt Ion: 50 Resp: 8480
Ion Ratio Lower Upper
50 100
52 28.6 24.7 37.1

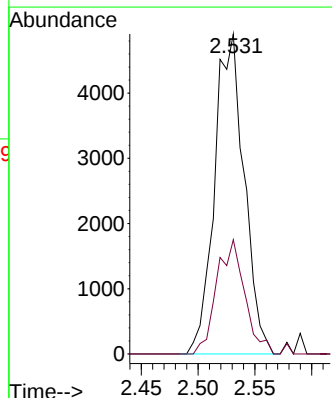
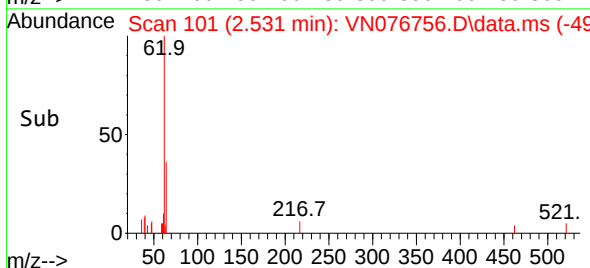
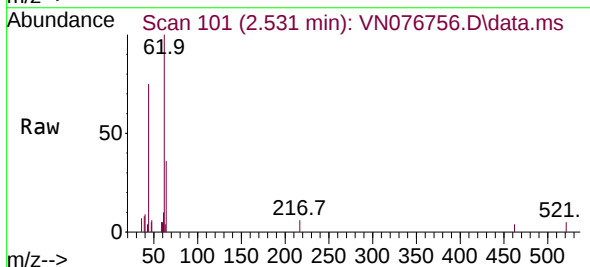
Manual Integrations
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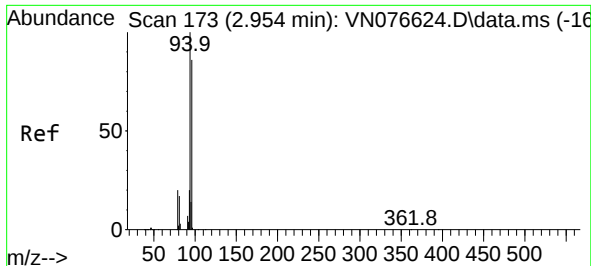
Reviewed By :John Carlone 02/22/2023
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#4
Vinyl Chloride
Concen: 2.739 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

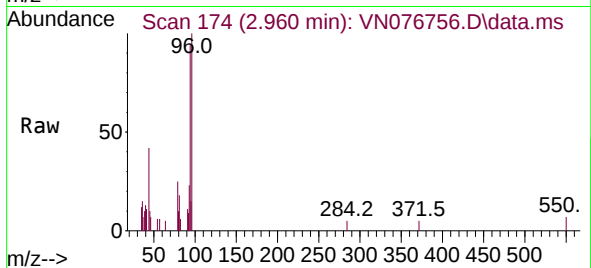
Tgt Ion: 62 Resp: 8875
Ion Ratio Lower Upper
62 100
64 35.7 23.9 35.9





#5
Bromomethane
Concen: 4.014 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

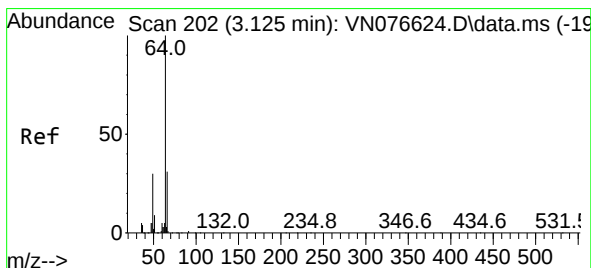
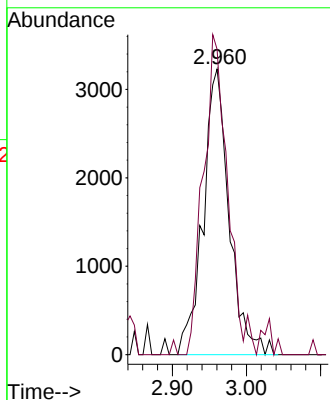
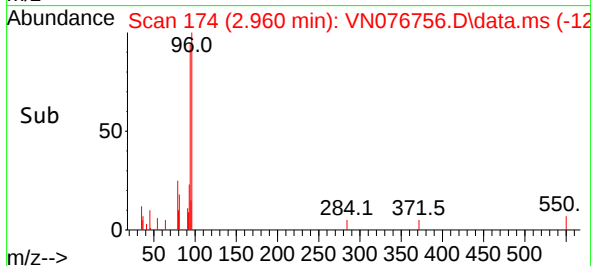
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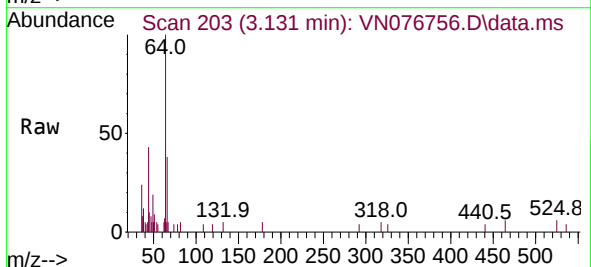
Tgt Ion: 94 Resp: 788
Ion Ratio Lower Upper
94 100
96 106.9 69.0 103.4

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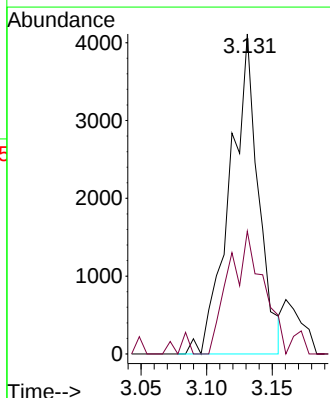
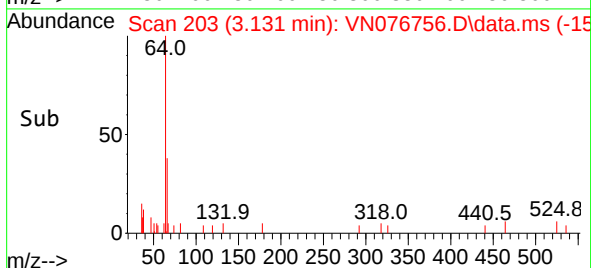
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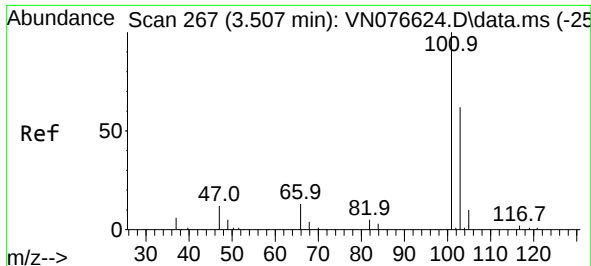


#6
Chloroethane
Concen: 3.046 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



Tgt Ion: 64 Resp: 6237
Ion Ratio Lower Upper
64 100
66 38.4 24.6 37.0





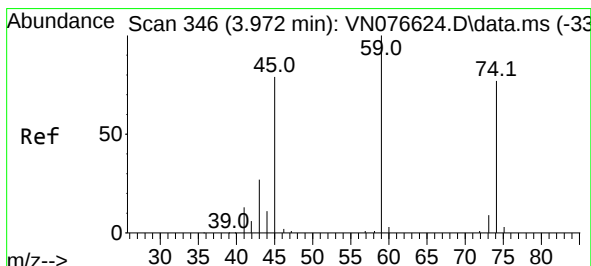
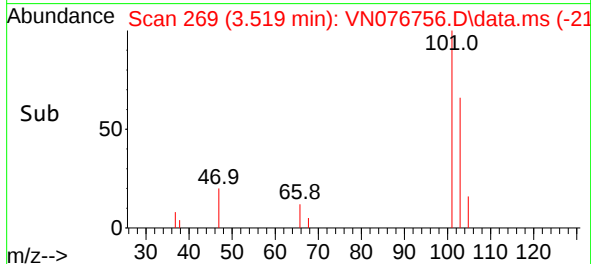
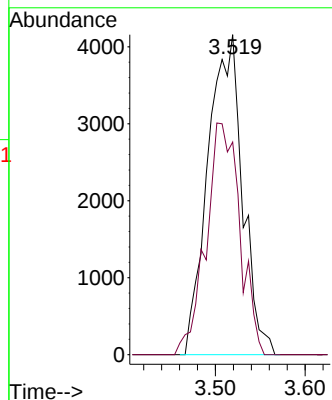
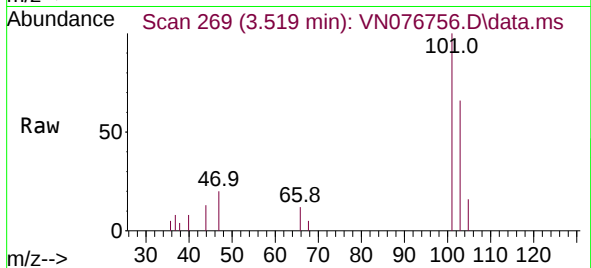
#7
Trichlorofluoromethane
Concen: 2.517 ug/l
RT: 3.519 min Scan# 210
Delta R.T. 0.012 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 11090
Ion Ratio Lower Upper
101 100
103 66.5 49.4 74.2

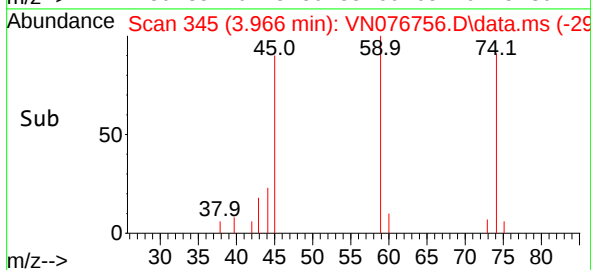
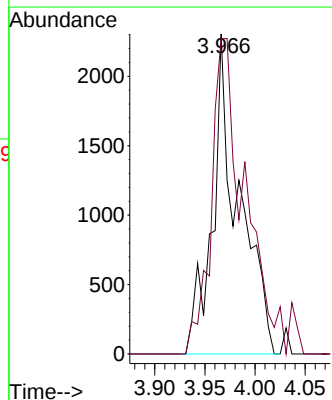
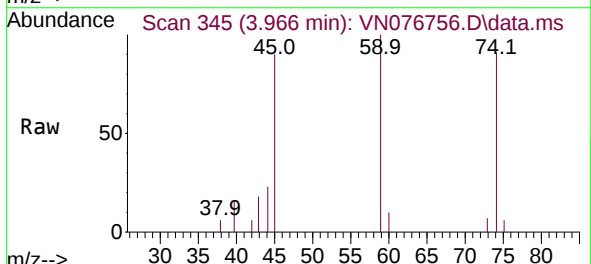
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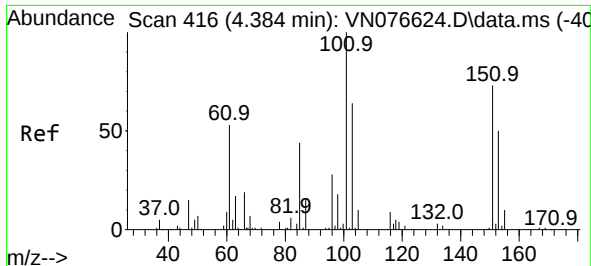
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#8
Diethyl Ether
Concen: 2.483 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion: 74 Resp: 4219
Ion Ratio Lower Upper
74 100
45 124.5 51.3 153.9





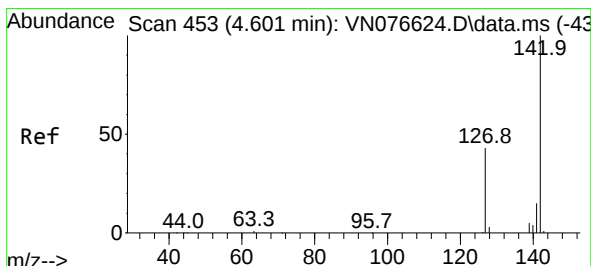
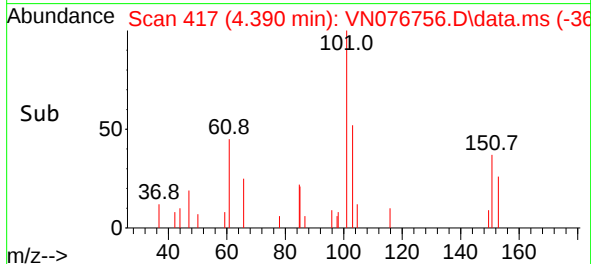
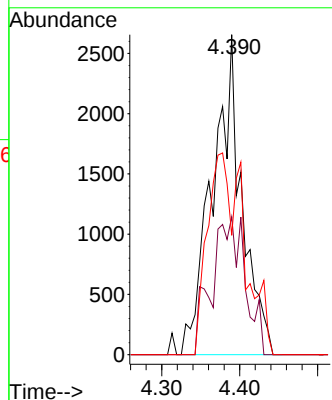
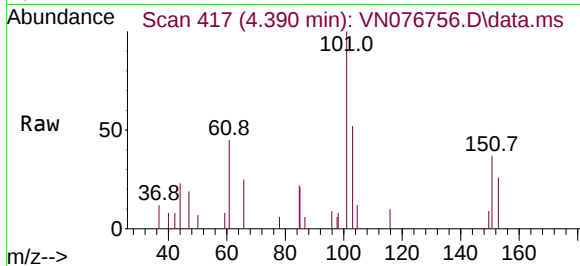
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.680 ug/l m
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 6942
Ion Ratio Lower Upper
101 100
85 49.0 37.4 56.0
151 49.0 58.7 88.1

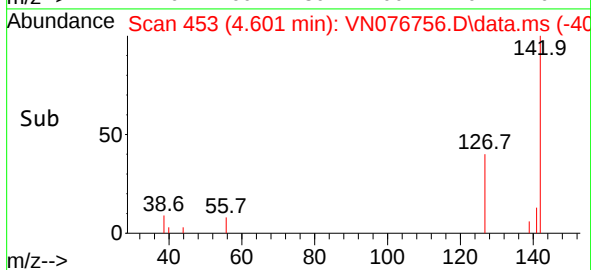
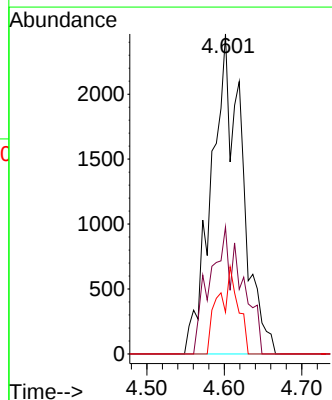
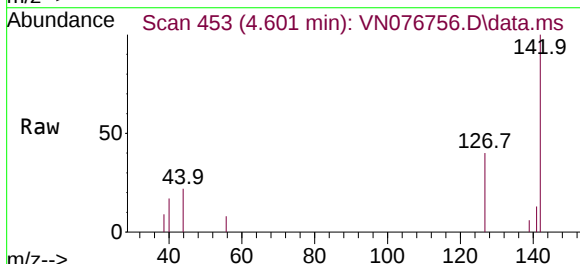
Manual Integrations
APPROVED

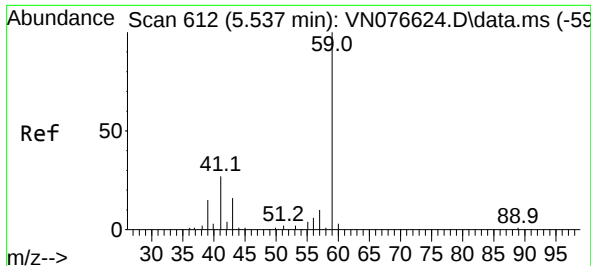
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 2.123 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

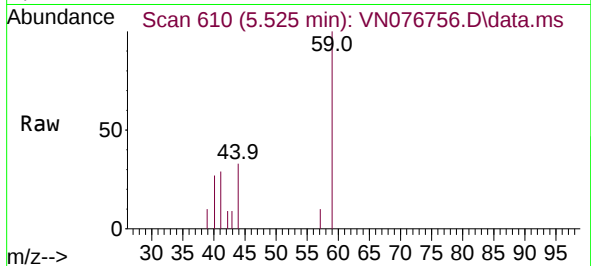
Tgt Ion:142 Resp: 6793
Ion Ratio Lower Upper
142 100
127 39.7 34.6 51.8
141 13.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 12.819 ug/l m
RT: 5.525 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

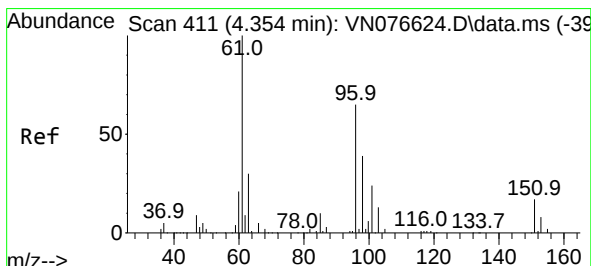
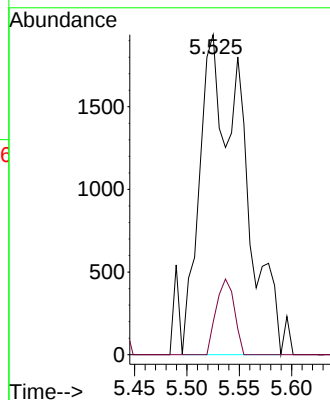
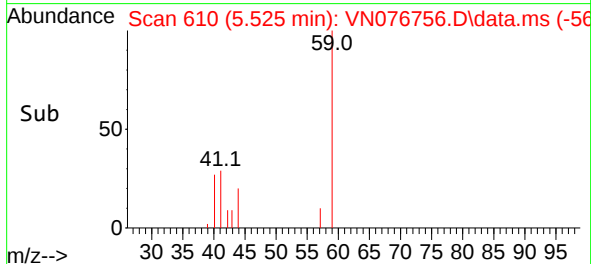
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



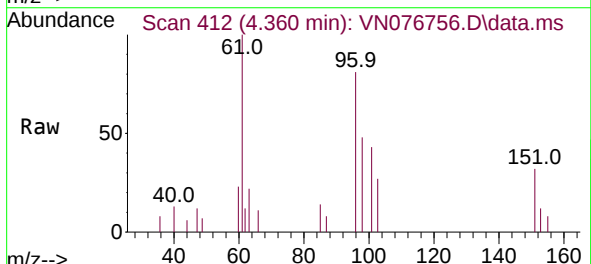
Tgt Ion: 59 Resp: 555
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1

Manual Integrations
APPROVED

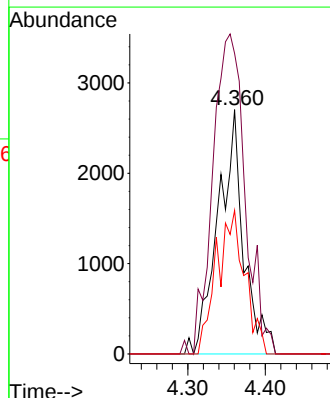
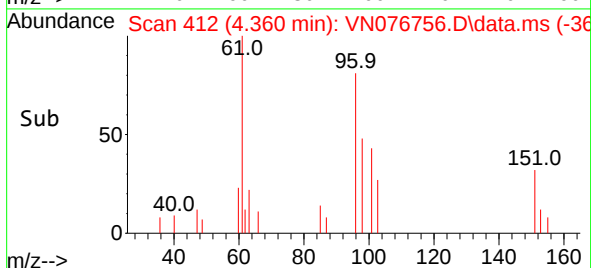
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

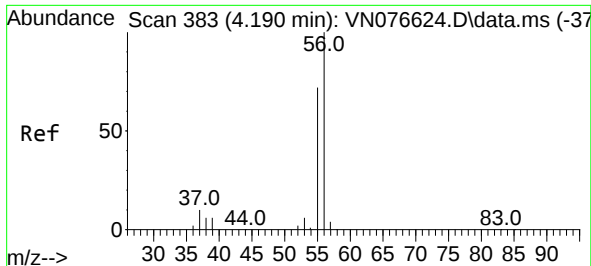


#12
1,1-Dichloroethene
Concen: 2.530 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



Tgt Ion: 96 Resp: 6206
Ion Ratio Lower Upper
96 100
61 123.0 123.8 185.6#
98 58.8 48.4 72.6





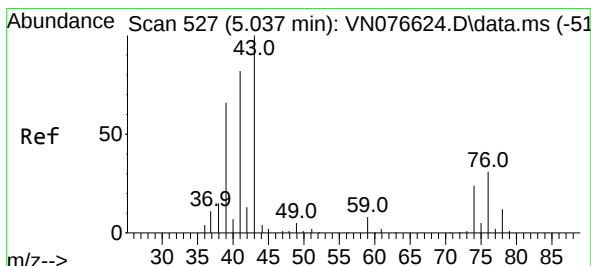
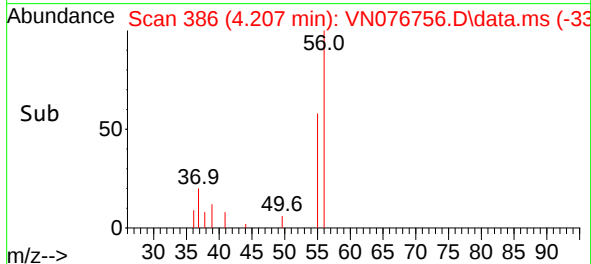
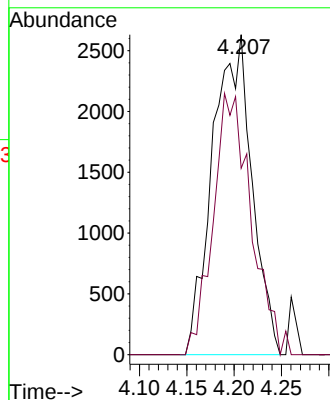
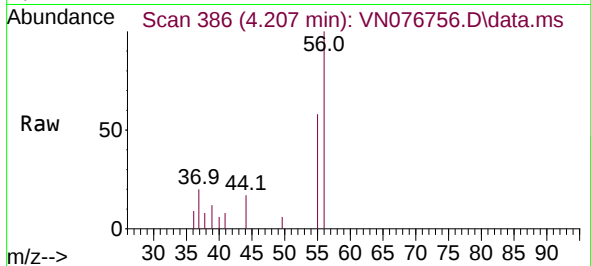
#13
Acrolein
Concen: 11.685 ug/l
RT: 4.207 min Scan# 386
Delta R.T. 0.017 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 56 Resp: 7599
Ion Ratio Lower Upper
56 100
55 79.0 56.3 84.5

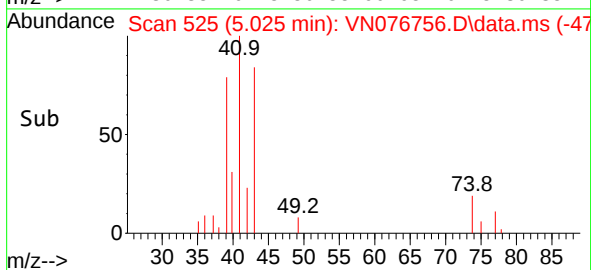
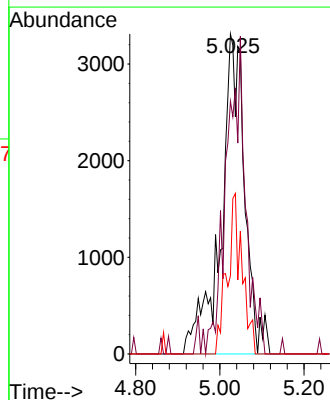
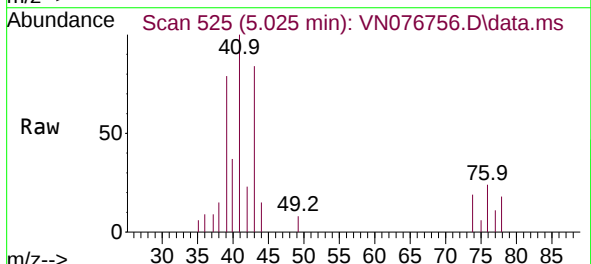
Manual Integrations
APPROVED

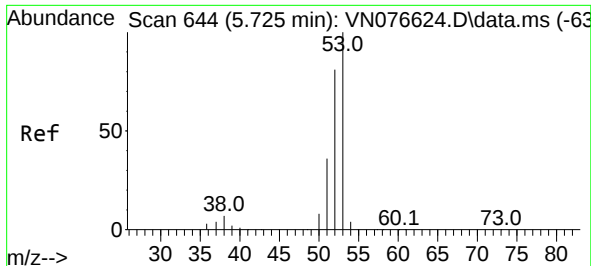
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#14
Allyl chloride
Concen: 3.068 ug/l m
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

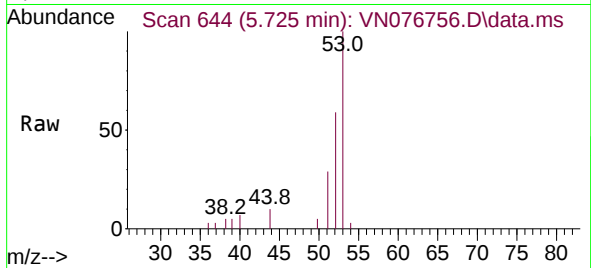
Tgt Ion: 41 Resp: 13042
Ion Ratio Lower Upper
41 100
39 0.0 62.3 93.5#
76 0.0 27.0 40.6#





#15
Acrylonitrile
Concen: 14.703 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

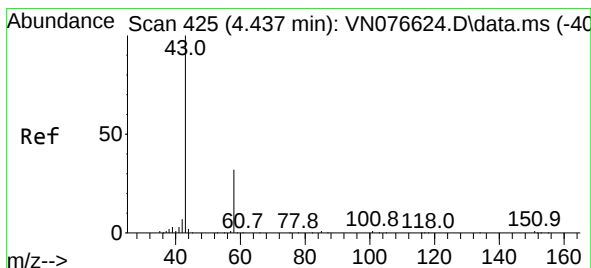
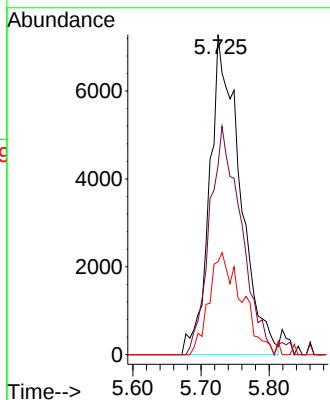
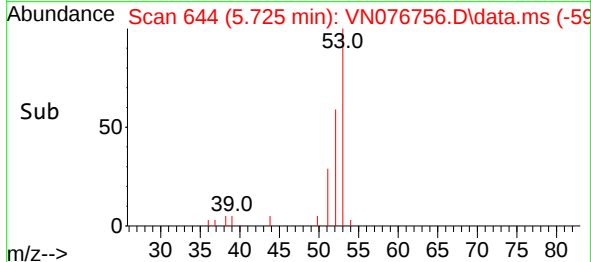
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



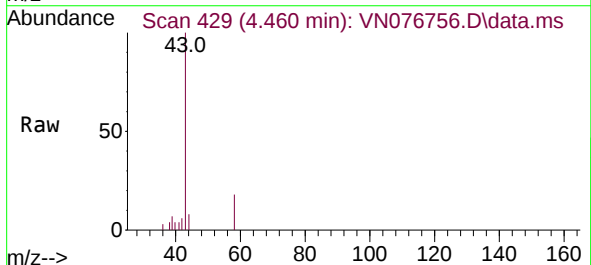
Tgt Ion: 53 Resp: 2260
Ion Ratio Lower Upper
53 100
52 74.3 65.3 97.9
51 34.5 29.2 43.8

Manual Integrations
APPROVED

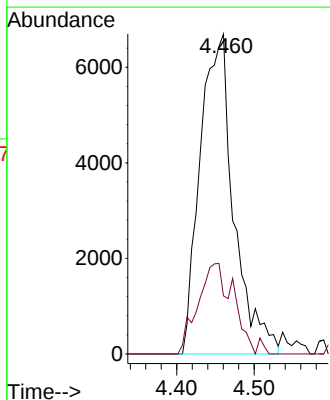
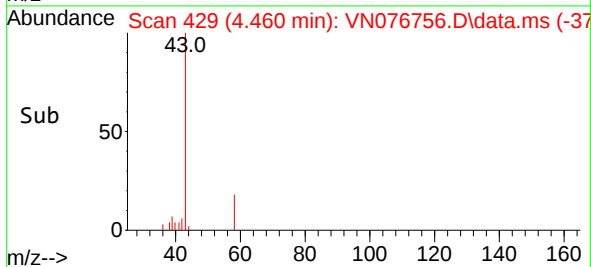
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

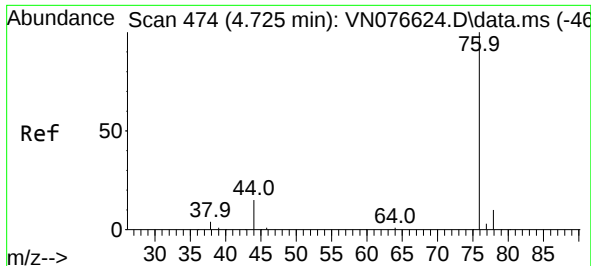


#16
Acetone
Concen: 13.783 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



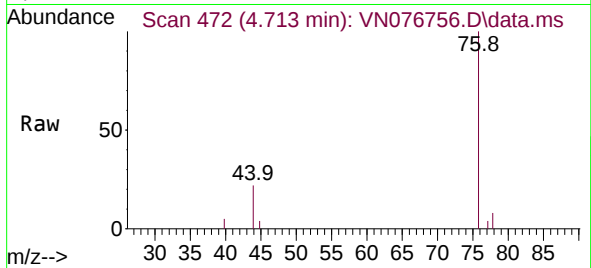
Tgt Ion: 43 Resp: 20205
Ion Ratio Lower Upper
43 100
58 18.6 25.9 38.9





#17
Carbon Disulfide
Concen: 2.413 ug/l
RT: 4.713 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

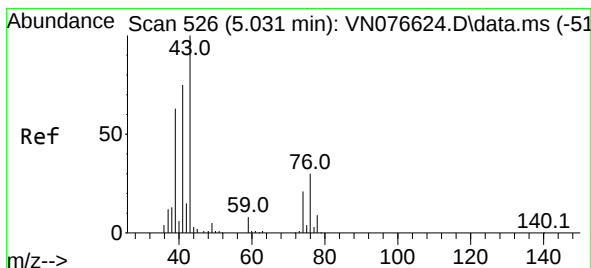
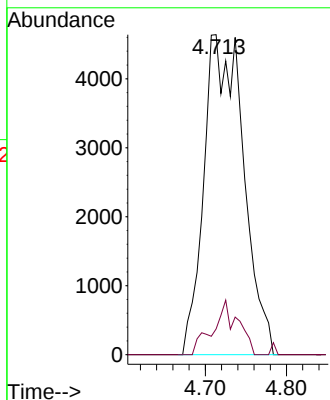
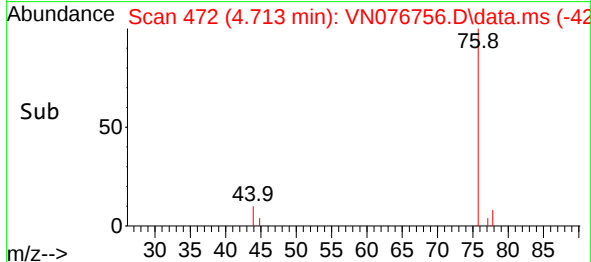
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 76 Resp: 15629
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.8

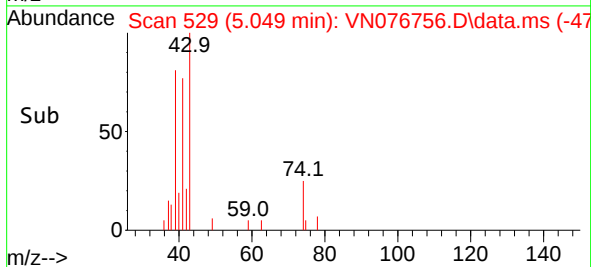
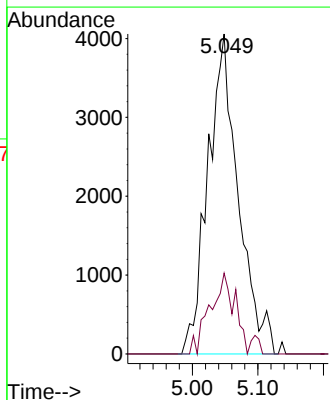
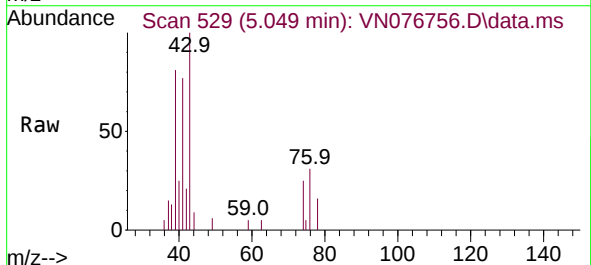
Manual Integrations
APPROVED

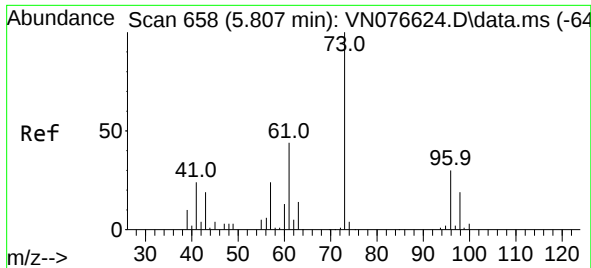
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 2.736 ug/l
RT: 5.049 min Scan# 529
Delta R.T. 0.018 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

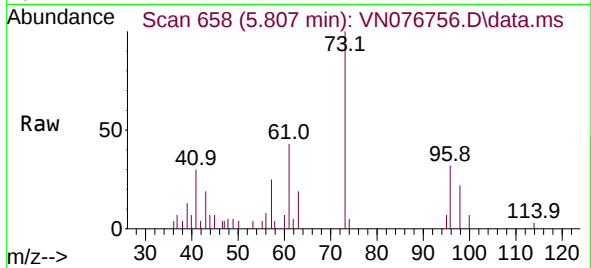
Tgt Ion: 43 Resp: 13093
Ion Ratio Lower Upper
43 100
74 20.5 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 2.534 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

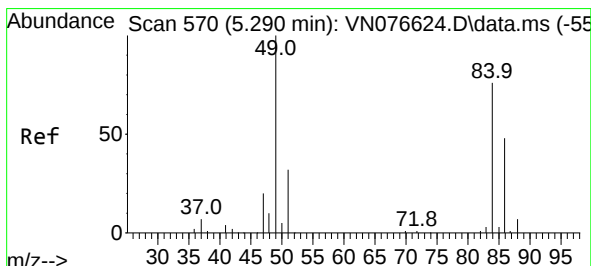
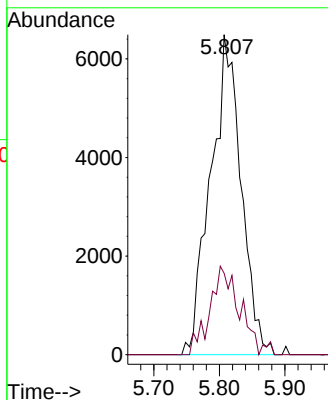
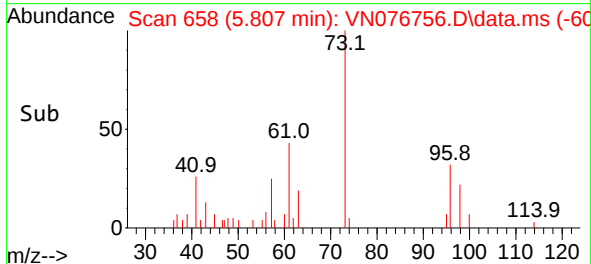
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 73 Resp: 2095
Ion Ratio Lower Upper
73 100
57 25.4 19.0 28.4

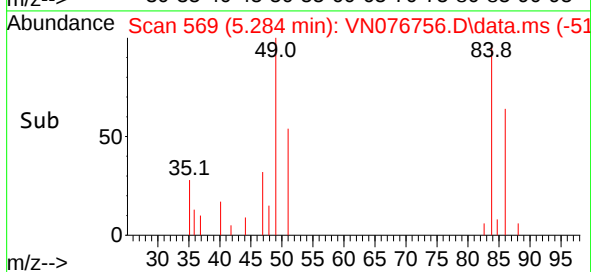
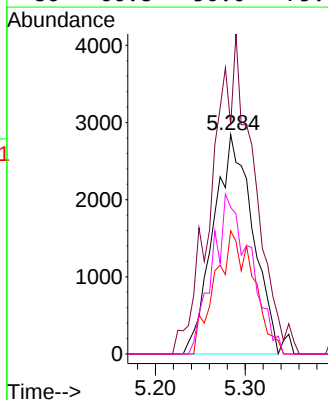
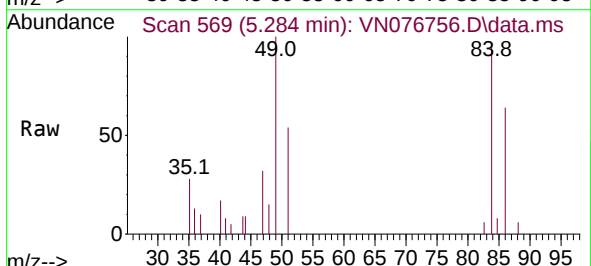
Manual Integrations
APPROVED

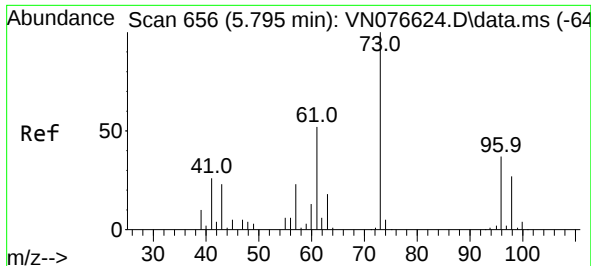
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 2.824 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion: 84 Resp: 8677
Ion Ratio Lower Upper
84 100
49 93.5 104.9 157.3#
51 56.2 33.8 50.8#
86 66.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 2.659 ug/l

RT: 5.790 min Scan# 656

Delta R.T. -0.005 min

Lab File: VN076756.D

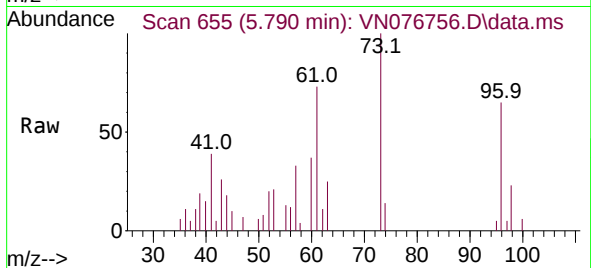
Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 96 Resp: 734

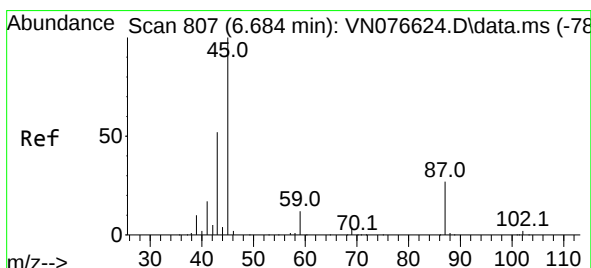
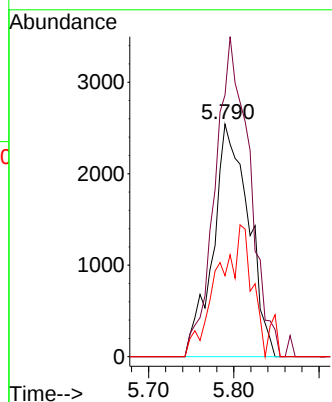
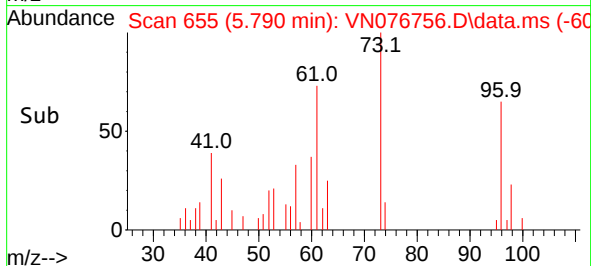
Ion	Ratio	Lower	Upper
96	100		
61	112.5	113.9	170.9
98	34.8	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#22

Diisopropyl ether

Concen: 2.809 ug/l

RT: 6.684 min Scan# 807

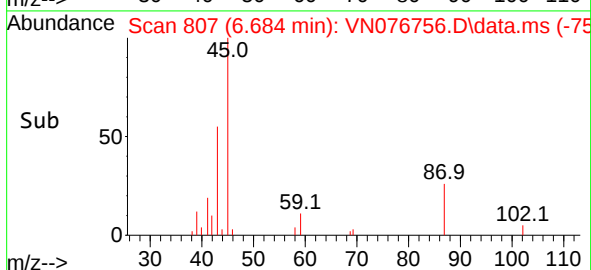
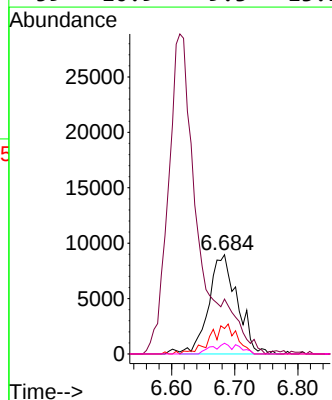
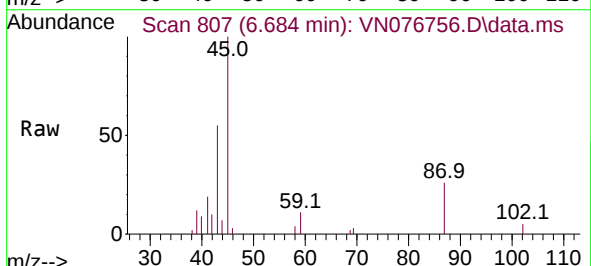
Delta R.T. -0.000 min

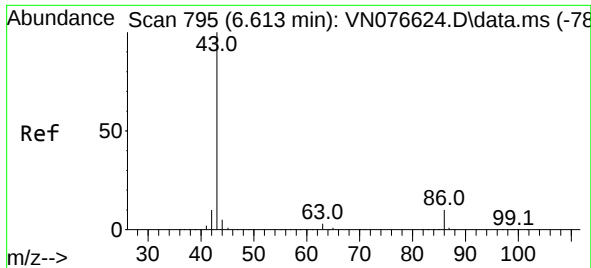
Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Tgt Ion: 45 Resp: 28007

Ion	Ratio	Lower	Upper
45	100		
43	53.3	41.8	62.6
87	25.6	21.8	32.8
59	10.9	9.3	13.9





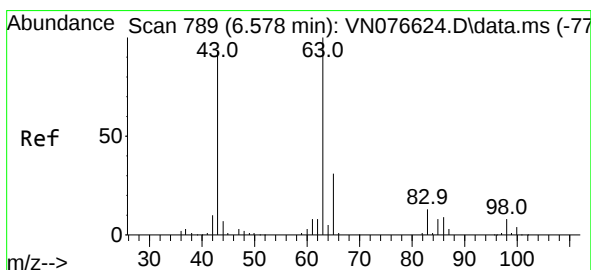
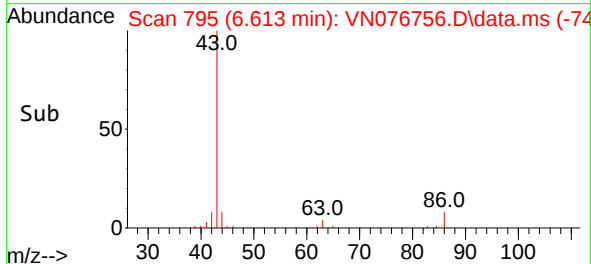
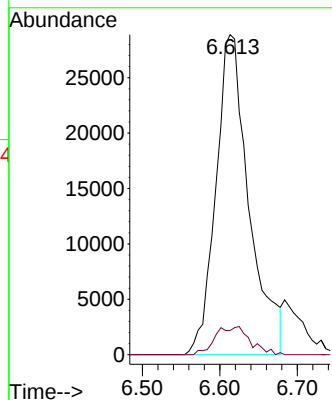
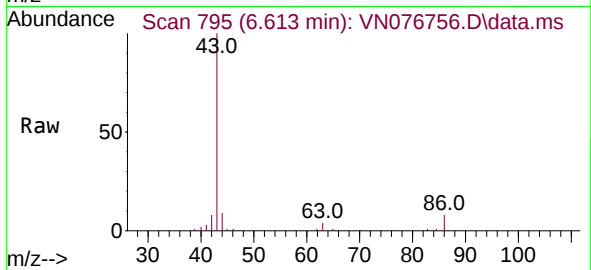
#23
 Vinyl Acetate
 Concen: 14.575 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 8596
 Ion Ratio Lower Upper
 43 100
 86 7.5 8.2 12.2

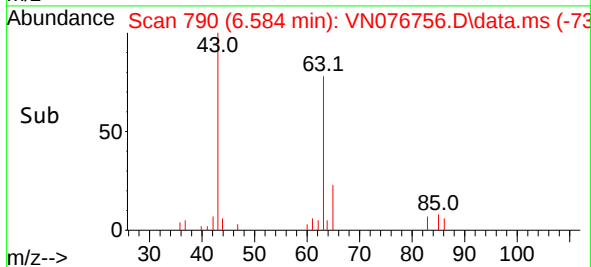
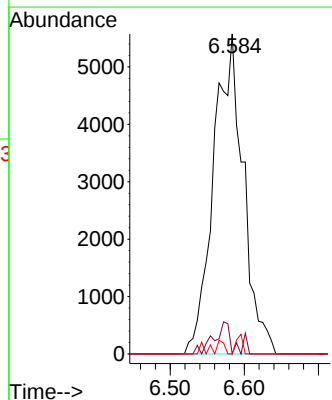
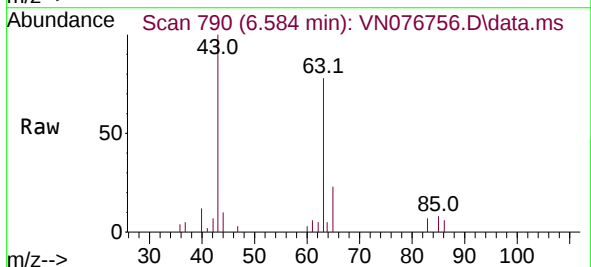
Manual Integrations
 APPROVED

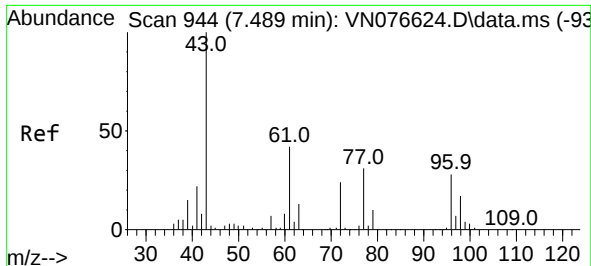
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 2.843 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37

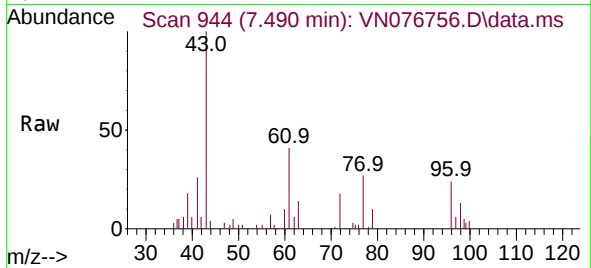
Tgt Ion: 63 Resp: 15536
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 14.782 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

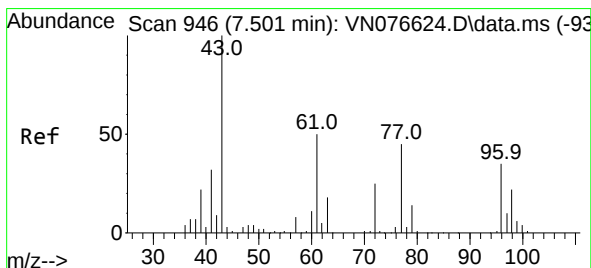
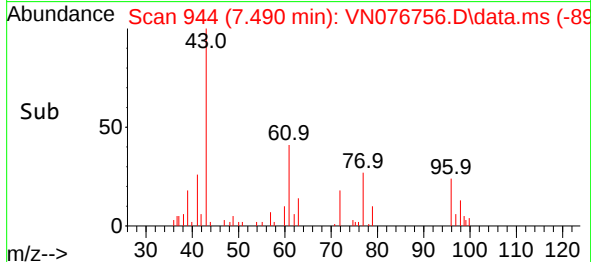
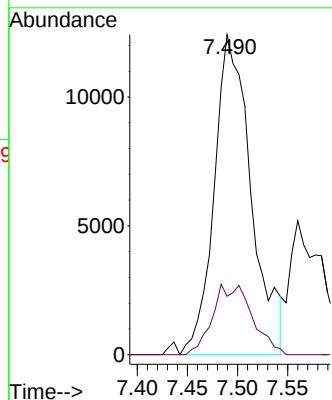
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 31964
Ion Ratio Lower Upper
43 100
72 18.3 19.4 29.2

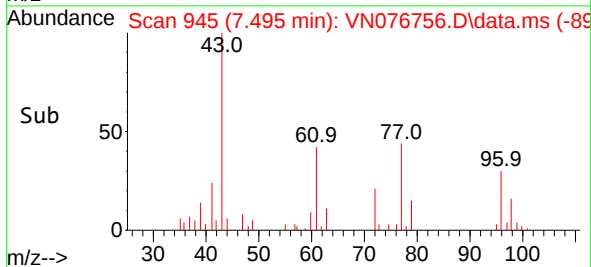
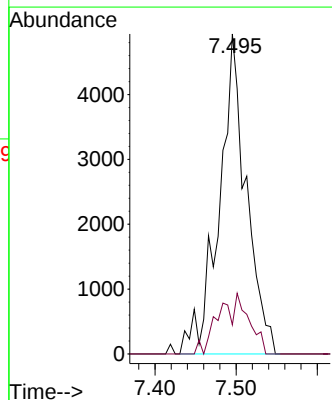
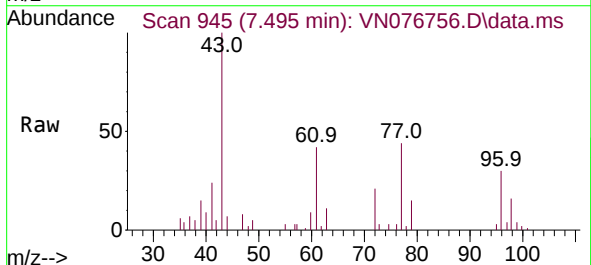
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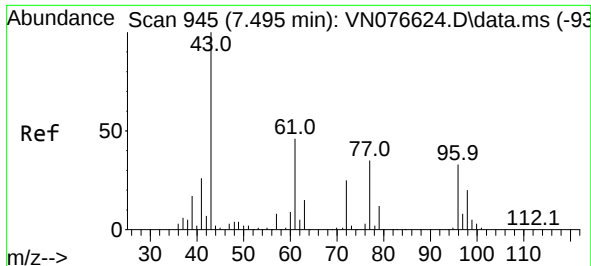
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 2.915 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

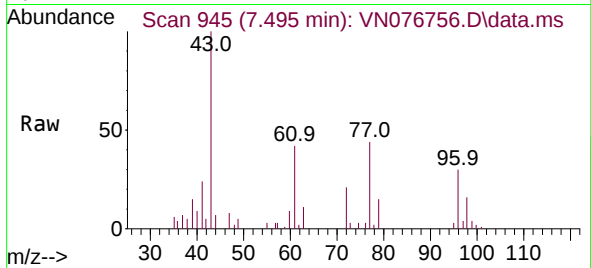
Tgt Ion: 77 Resp: 11488
Ion Ratio Lower Upper
77 100
97 10.1 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 2.611 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37

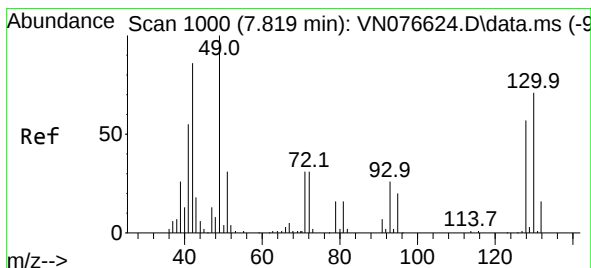
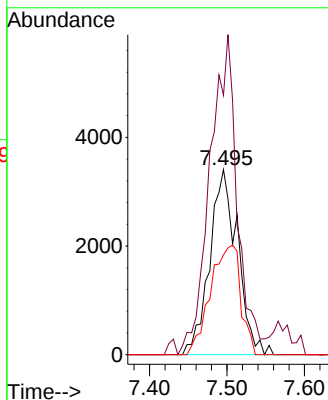
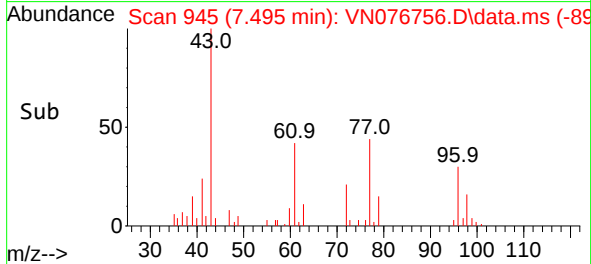
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



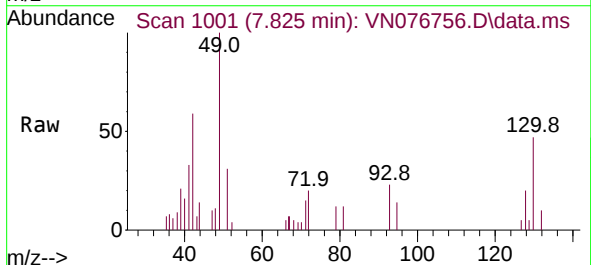
Tgt Ion: 96 Resp: 855
 Ion Ratio Lower Upper
 96 100
 61 169.2 0.0 286.8
 98 64.1 0.0 124.0

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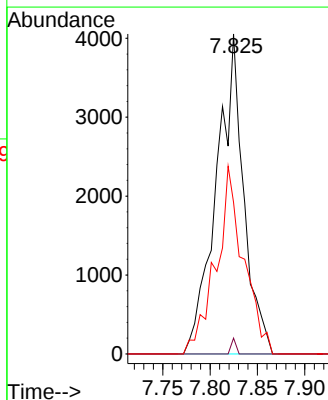
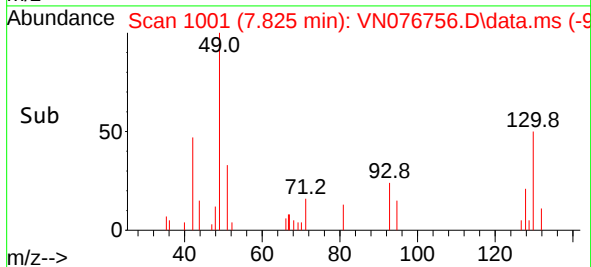
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#28
 Bromochloromethane
 Concen: 3.118 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37



Tgt Ion: 49 Resp: 8109
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 59.3 57.8 86.8





#29

Tetrahydrofuran

Concen: 14.411 ug/l

RT: 7.860 min Scan# 1007

Delta R.T. 0.018 min

Lab File: VN076756.D

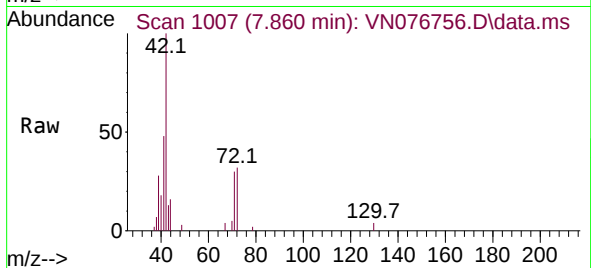
Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



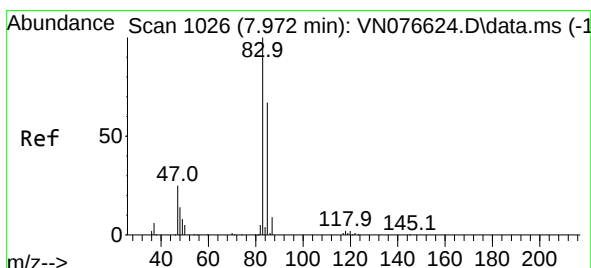
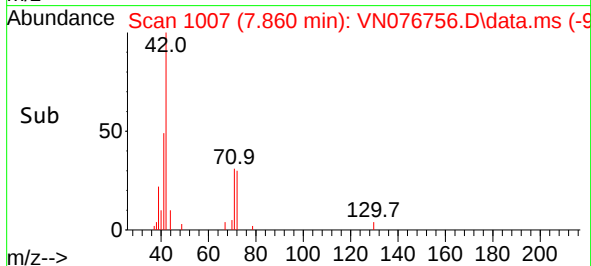
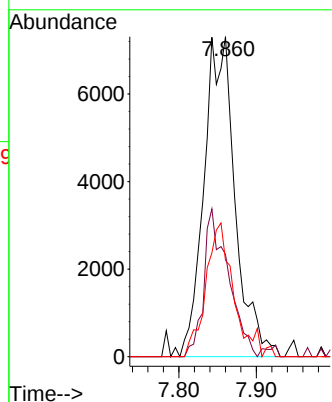
Tgt Ion:	42	Resp:	2035
Ion Ratio	Lower	Upper	
42	100		
72	36.4	31.5	47.3
71	37.4	29.8	44.8

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 2.715 ug/l

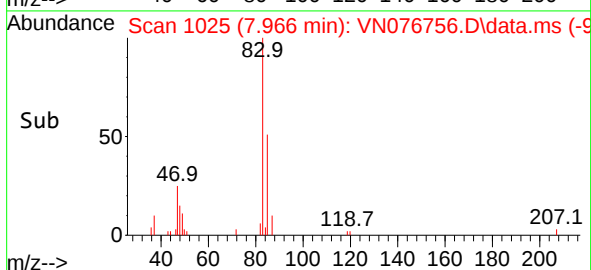
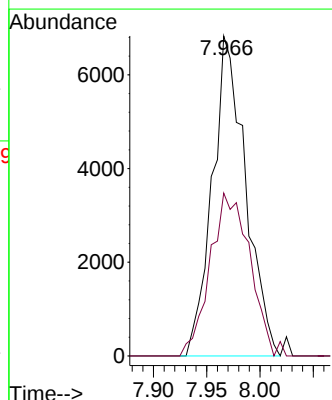
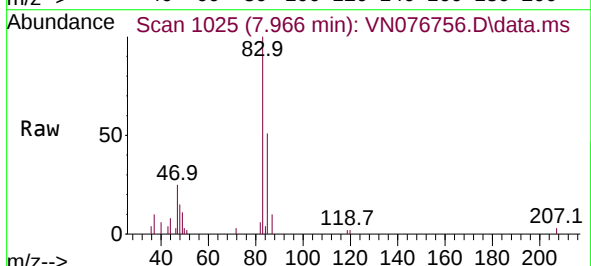
RT: 7.966 min Scan# 1025

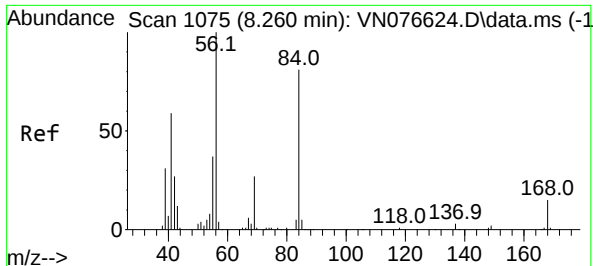
Delta R.T. -0.006 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

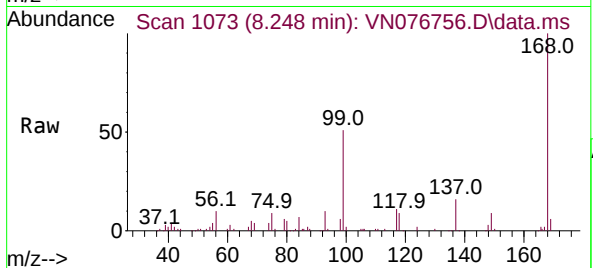
Tgt Ion:	83	Resp:	14820
Ion Ratio	Lower	Upper	
83	100		
85	50.9	53.5	80.3





#31
Cyclohexane
Concen: 3.791 ug/l
RT: 8.248 min Scan# 1075
Delta R.T. -0.012 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

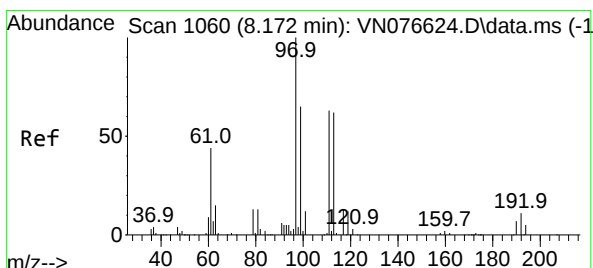
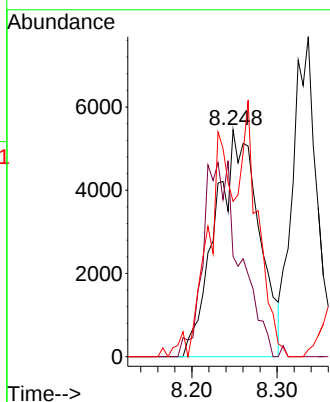
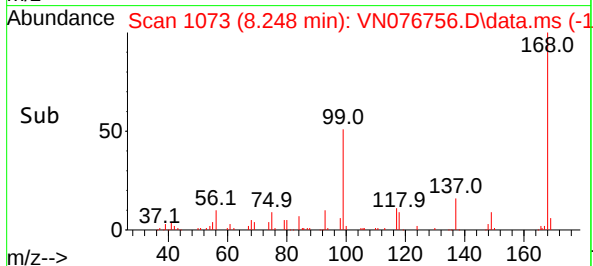
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



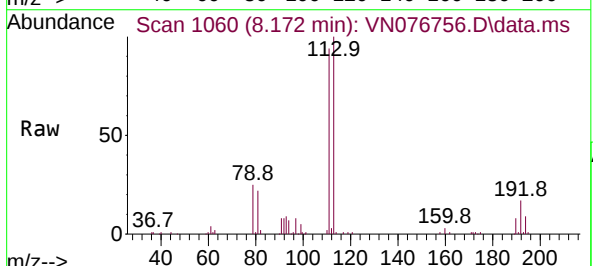
Tgt Ion: 56 Resp: 1951
Ion Ratio Lower Upper
56 100
69 44.2 21.6 32.4
84 63.5 65.1 97.7

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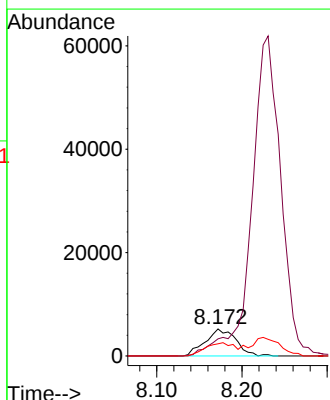
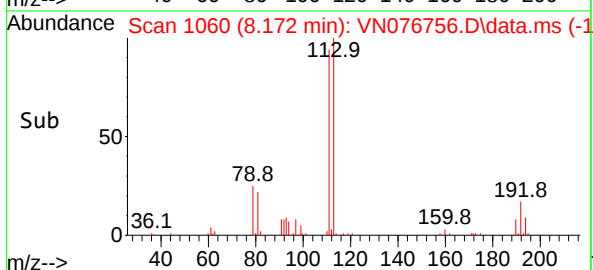
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

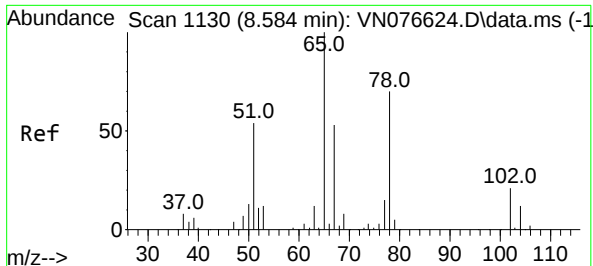


#32
1,1,1-Trichloroethane
Concen: 2.850 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



Tgt Ion: 97 Resp: 13080
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 45.7 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 59.520 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 195330

Ion Ratio Lower Upper

65 100

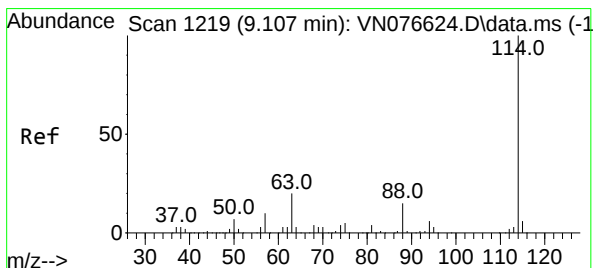
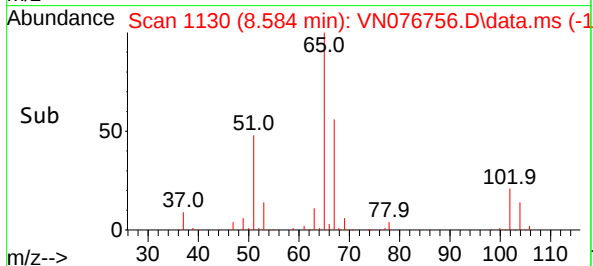
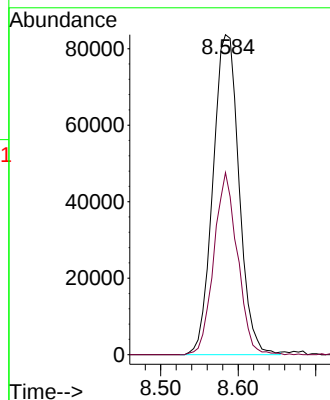
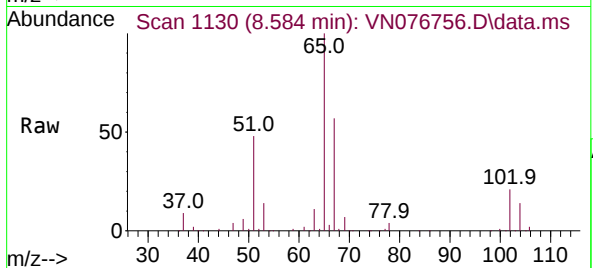
67 51.6 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

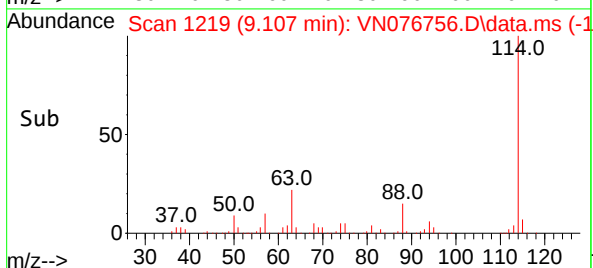
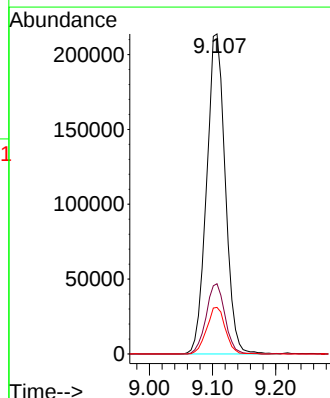
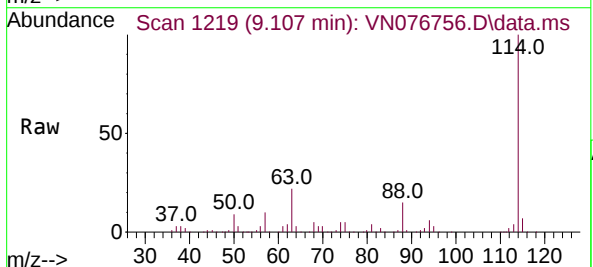
Tgt Ion:114 Resp: 437095

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.611 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076756.D

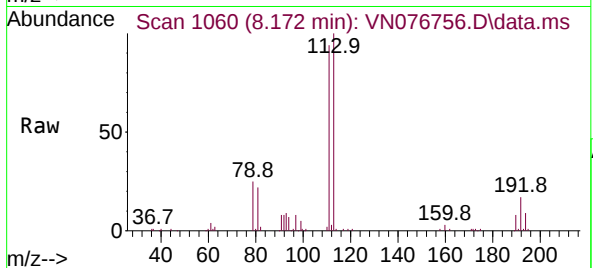
Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



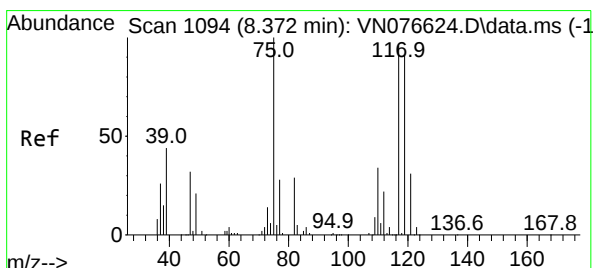
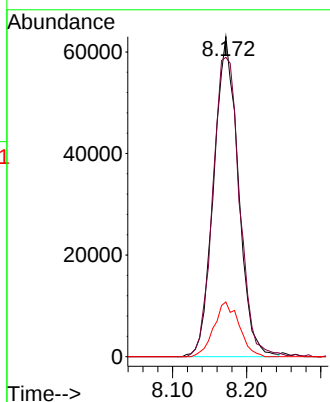
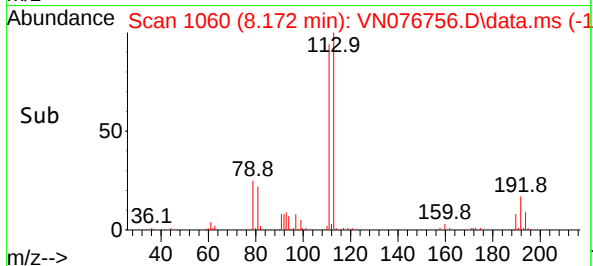
Tgt Ion:	113	Resp:	14487
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.1	124.7
192	17.6	15.6	23.4

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#36

1,1-Dichloropropene

Concen: 2.676 ug/l

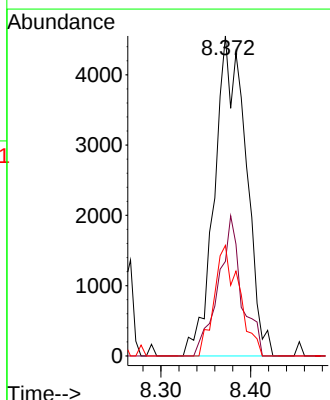
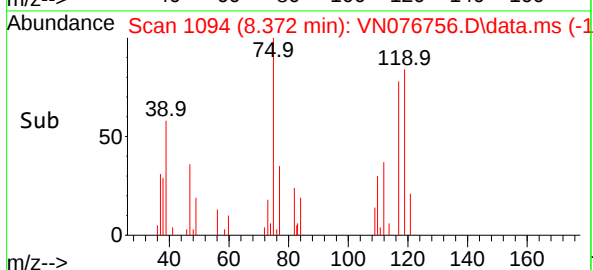
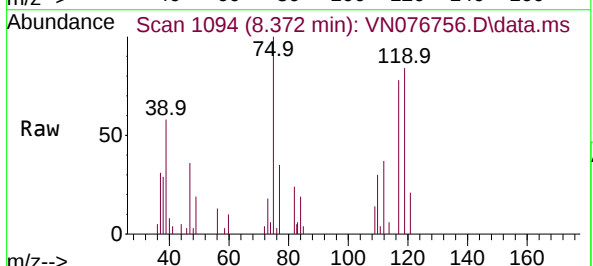
RT: 8.372 min Scan# 1094

Delta R.T. -0.000 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Tgt Ion:	75	Resp:	11066
Ion Ratio	Lower	Upper	
75	100		
110	32.5	17.5	52.5
77	27.5	24.5	36.7





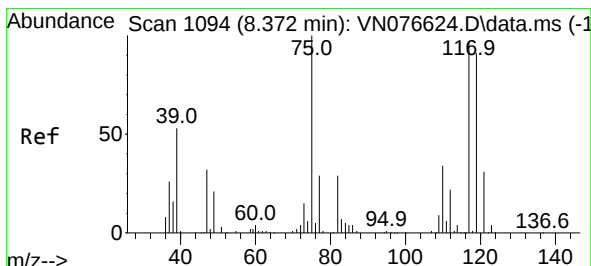
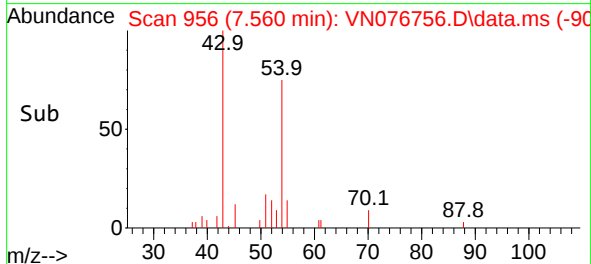
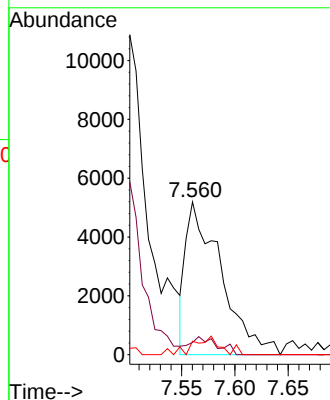
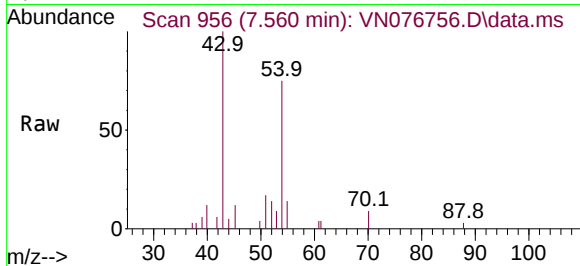
#37
Ethyl Acetate
Concen: 2.748 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 11950
Ion Ratio Lower Upper
43 100
61 9.2 9.9 14.9
70 7.9 7.8 11.6

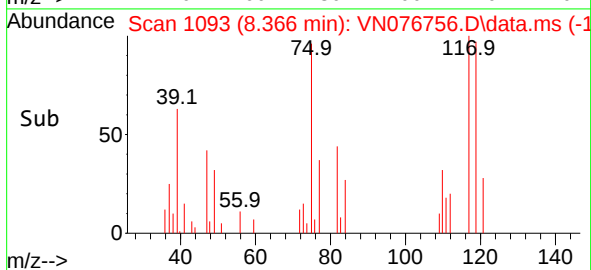
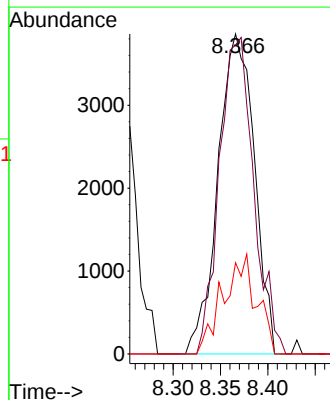
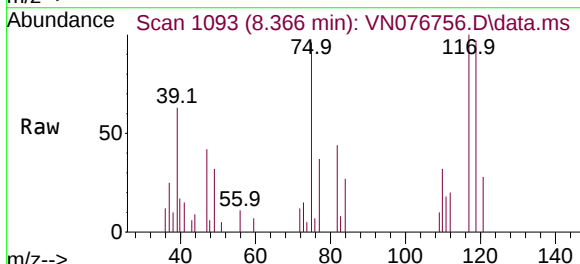
Manual Integrations
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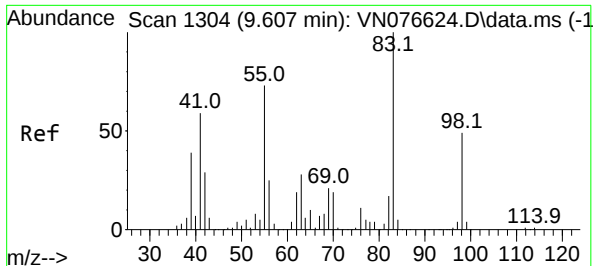
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#38
Carbon Tetrachloride
Concen: 2.471 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion:117 Resp: 10308
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0
121 28.5 26.0 39.0





#39

Methylcyclohexane

Concen: 2.593 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 12190

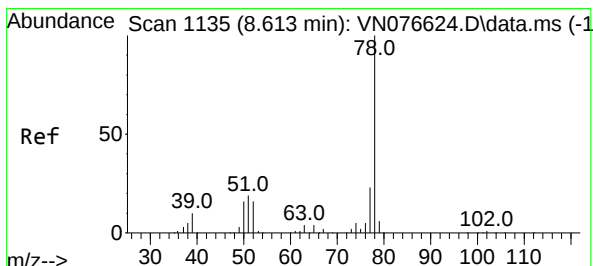
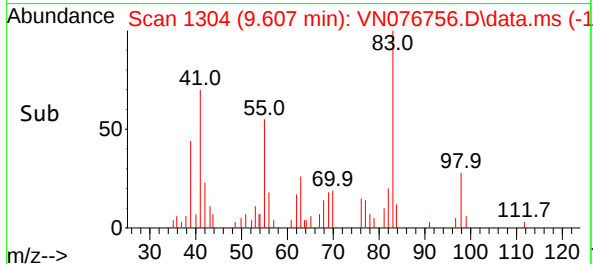
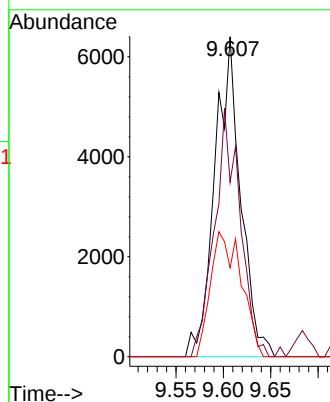
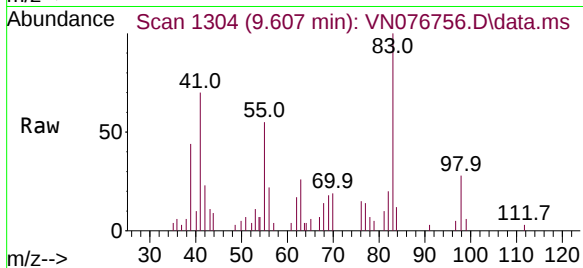
Ion	Ratio	Lower	Upper
83	100		
55	54.5	58.6	88.0
98	27.8	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 2.793 ug/l

RT: 8.607 min Scan# 1134

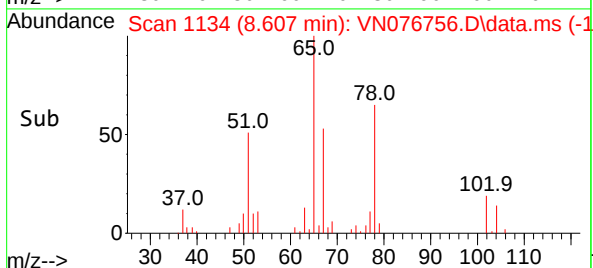
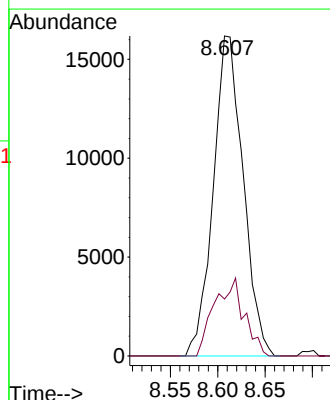
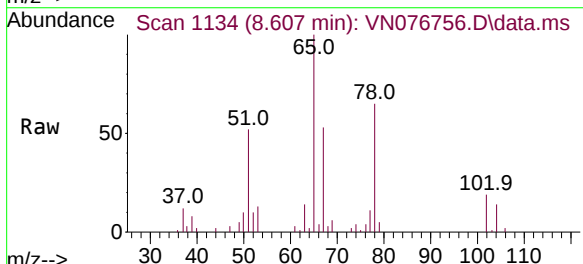
Delta R.T. -0.006 min

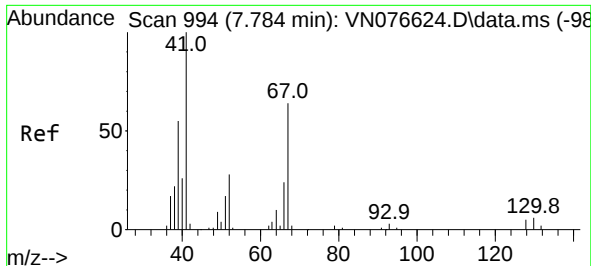
Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Tgt Ion: 78 Resp: 35475

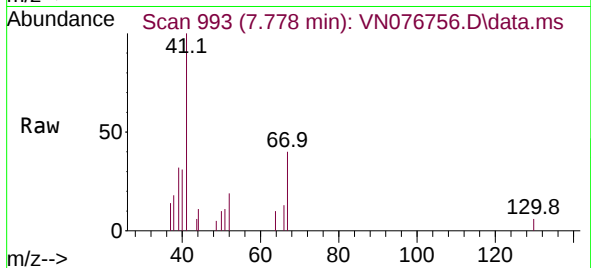
Ion	Ratio	Lower	Upper
78	100		
77	17.8	18.2	27.4





#41
Methacrylonitrile
Concen: 3.081 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

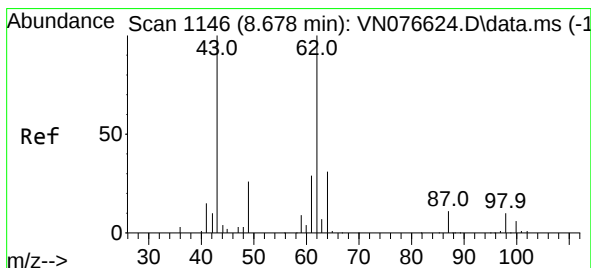
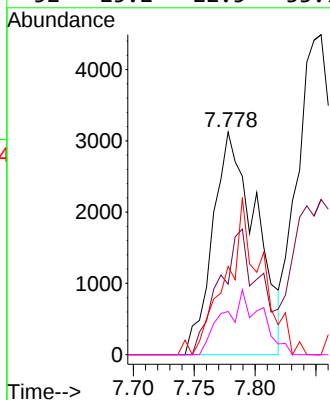
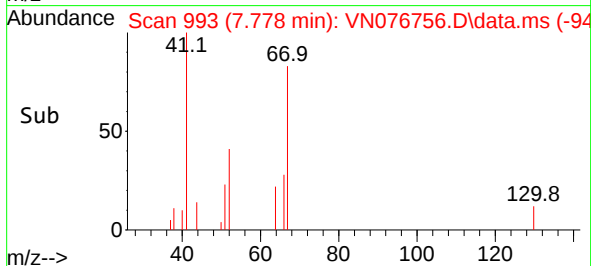
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



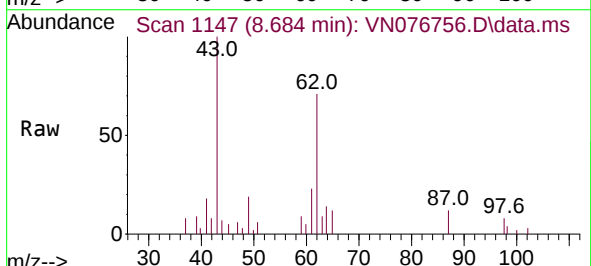
Tgt Ion: 41 Resp: 7760
Ion Ratio Lower Upper
41 100
39 49.9 42.6 63.8
67 57.9 51.4 77.0
52 25.2 22.5 33.7

Manual Integrations
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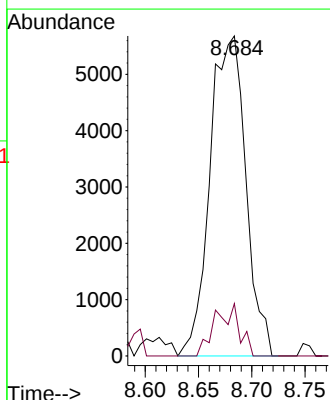
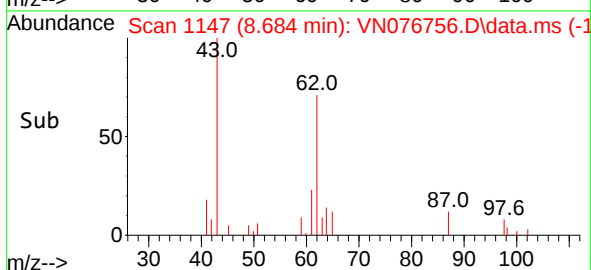
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

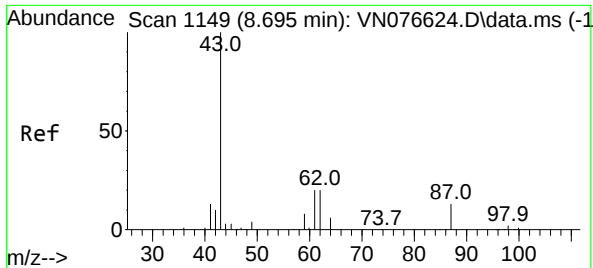


#42
1,2-Dichloroethane
Concen: 2.999 ug/l
RT: 8.684 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



Tgt Ion: 62 Resp: 13286
Ion Ratio Lower Upper
62 100
98 11.1 0.0 19.2





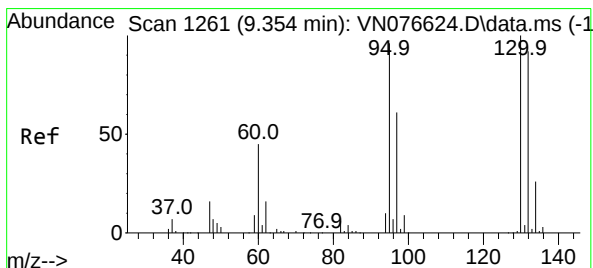
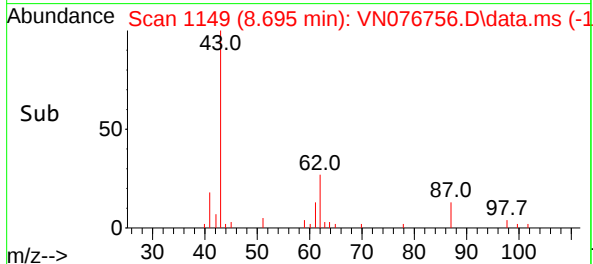
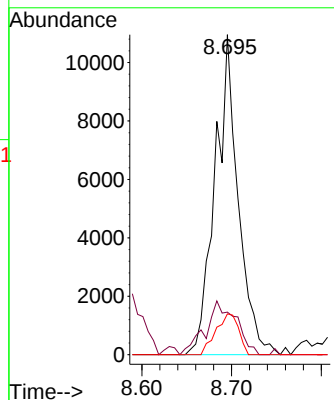
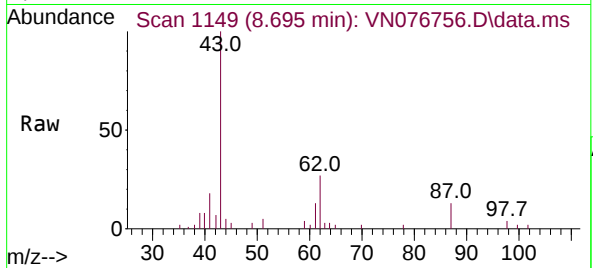
#43
Isopropyl Acetate
Concen: 2.775 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 19652
Ion Ratio Lower Upper
43 100
61 22.3 20.0 30.0
87 12.5 9.9 14.9

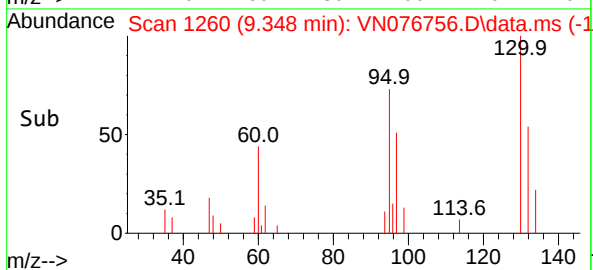
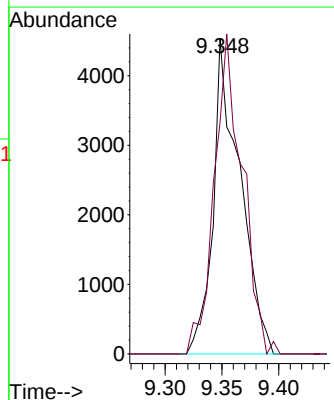
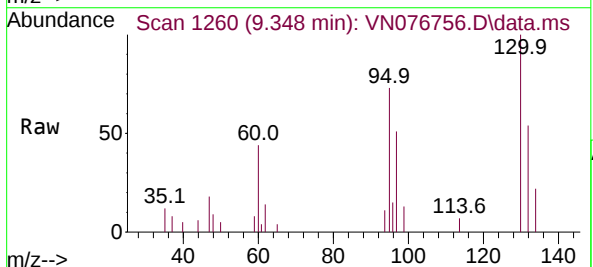
Manual Integrations
APPROVED

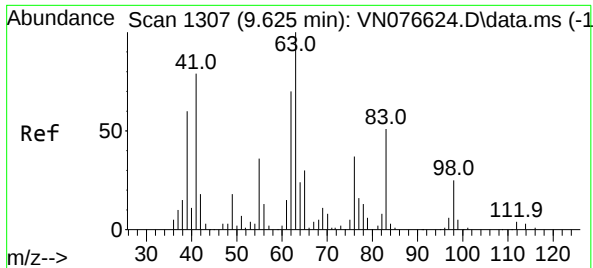
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#44
Trichloroethene
Concen: 2.475 ug/l
RT: 9.348 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion:130 Resp: 7427
Ion Ratio Lower Upper
130 100
95 73.4 0.0 191.4





#45

1,2-Dichloropropane

Concen: 2.641 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 8880

Ion Ratio Lower Upper

63 100

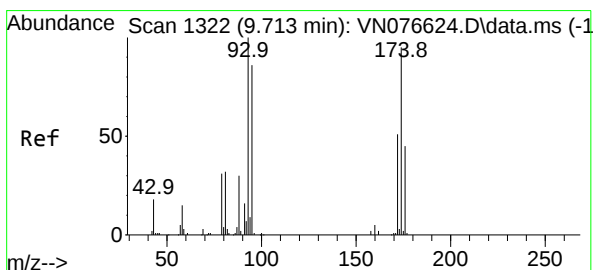
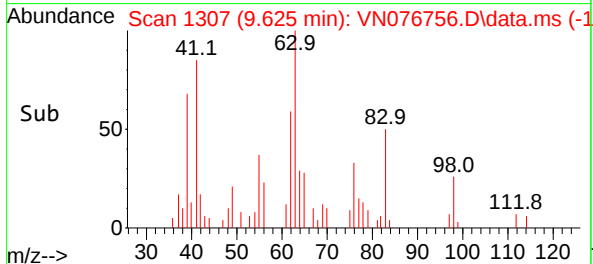
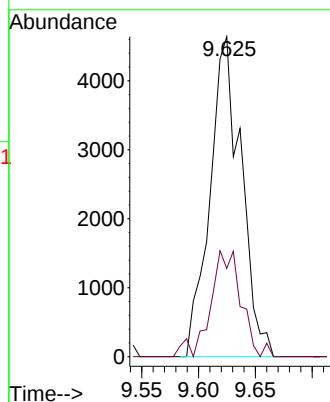
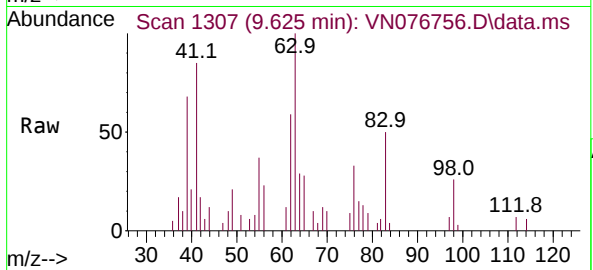
65 27.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 2.680 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

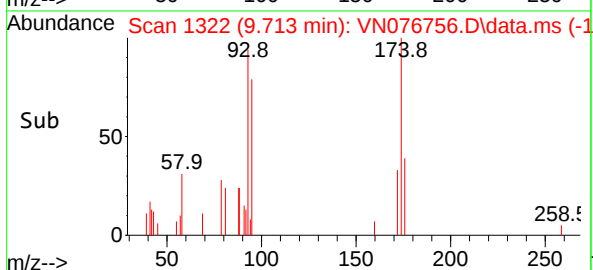
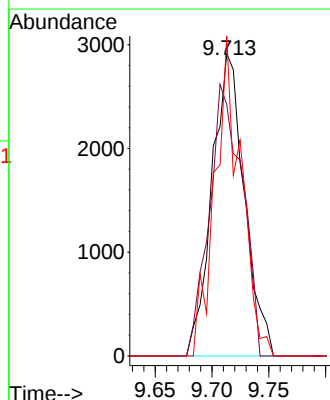
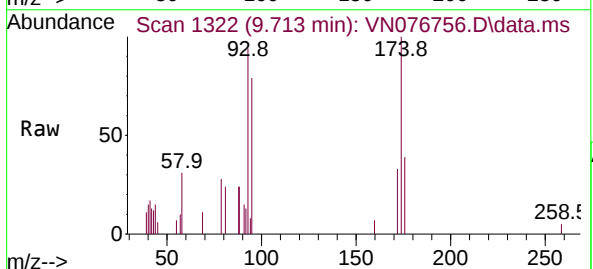
Tgt Ion: 93 Resp: 5760

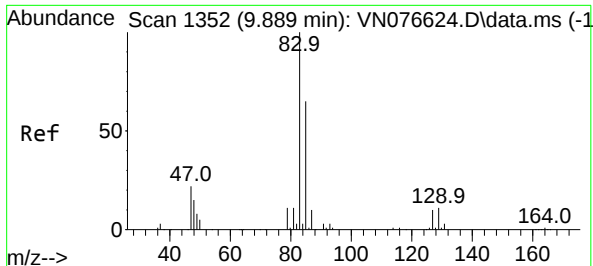
Ion Ratio Lower Upper

93 100

95 92.0 66.0 99.0

174 85.8 75.8 113.8





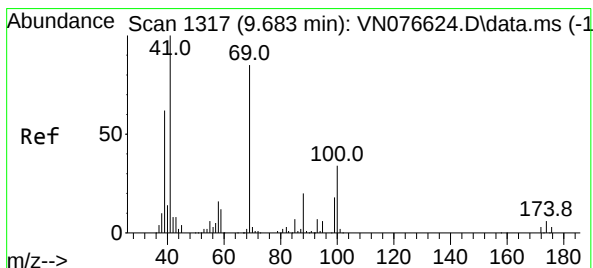
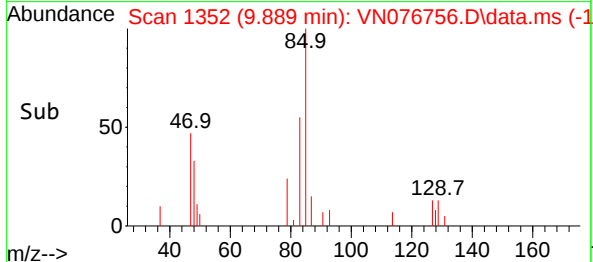
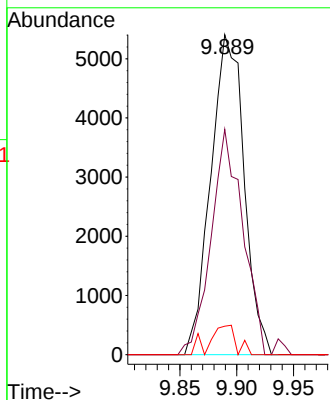
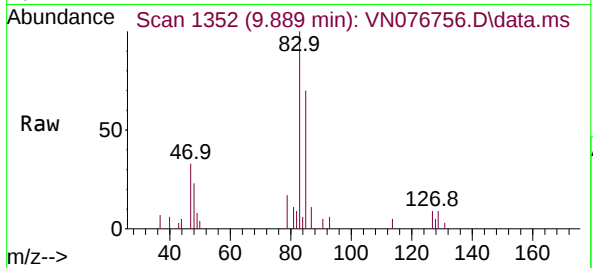
#47
Bromodichloromethane
Concen: 2.562 ug/l
RT: 9.889 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 1104
Ion Ratio Lower Upper
83 100
85 70.4 51.8 77.6
127 8.9 7.9 11.9

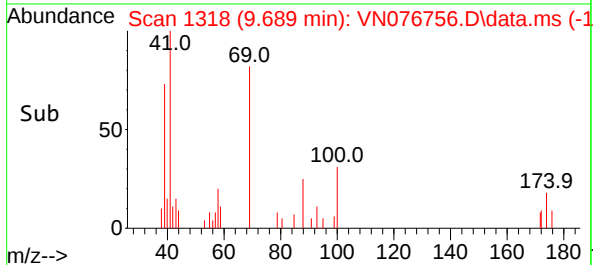
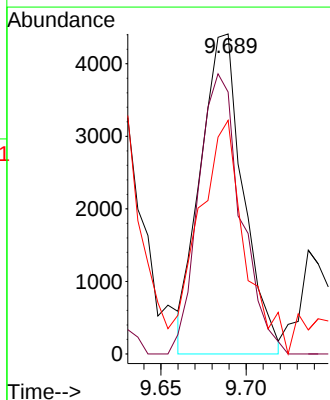
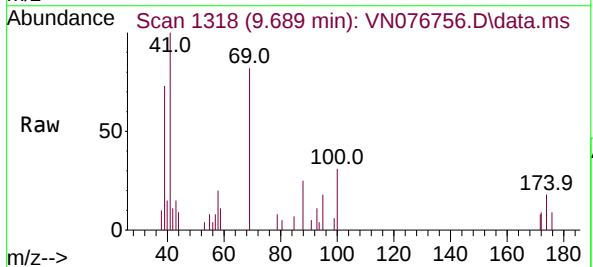
Manual Integrations
APPROVED

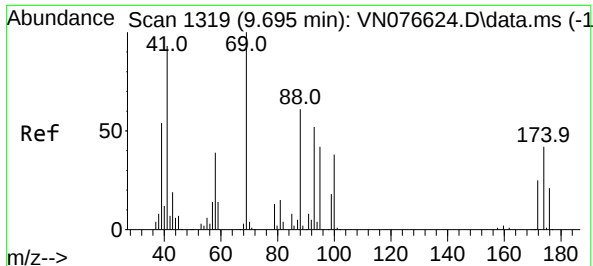
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 2.299 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion: 41 Resp: 7723
Ion Ratio Lower Upper
41 100
69 87.1 65.4 98.0
39 77.8 49.3 73.9





#49

1,4-Dioxane

Concen: 62.112 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 88 Resp: 3610

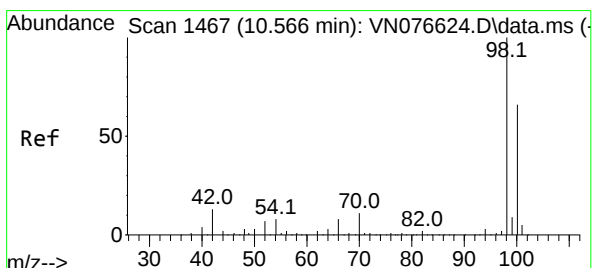
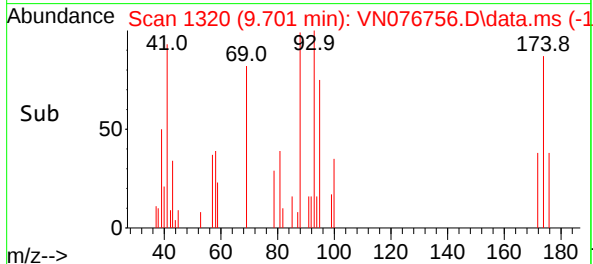
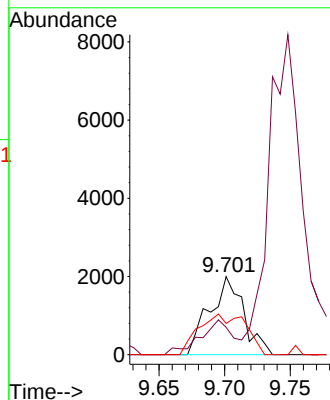
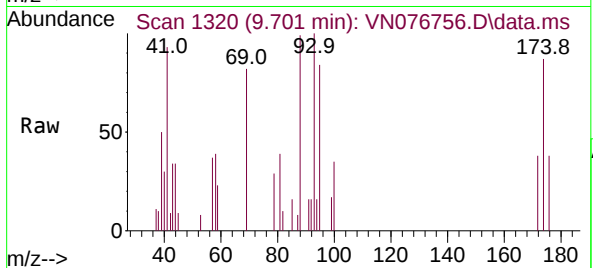
Ion	Ratio	Lower	Upper
88	100		
43	43.1	22.6	33.8
58	71.5	57.6	86.4

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 51.447 ug/l

RT: 10.572 min Scan# 1468

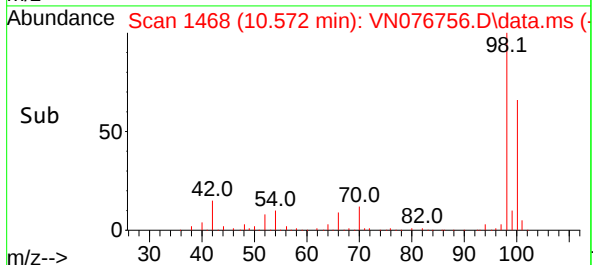
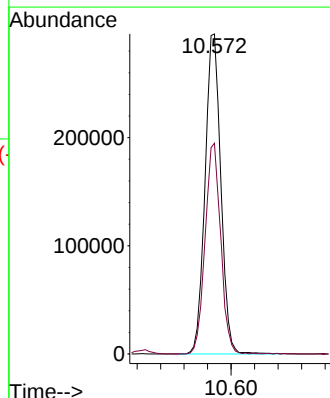
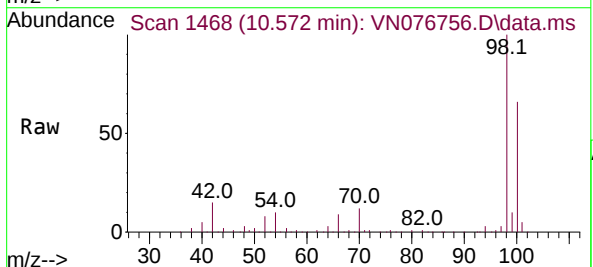
Delta R.T. 0.006 min

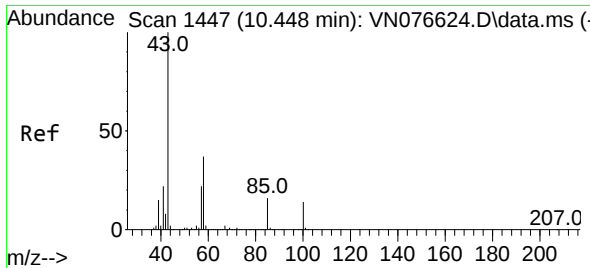
Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Tgt Ion: 98 Resp: 549966

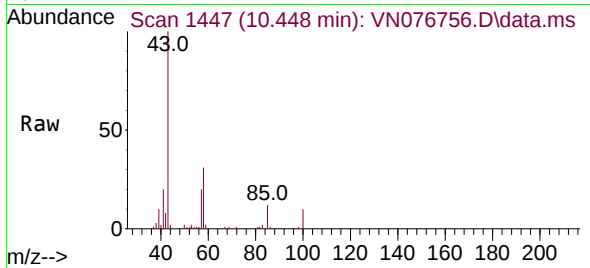
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 13.413 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

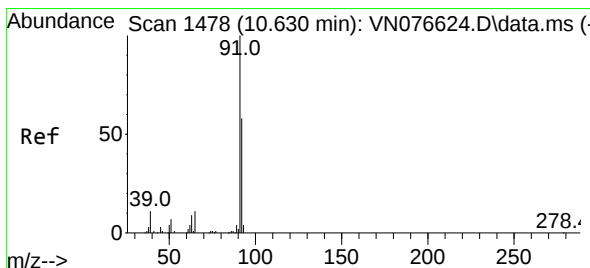
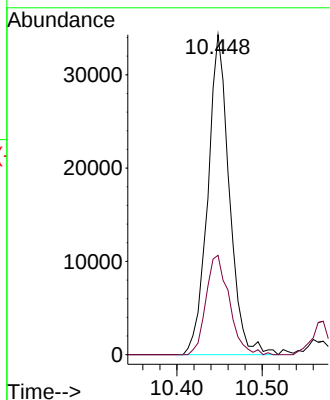
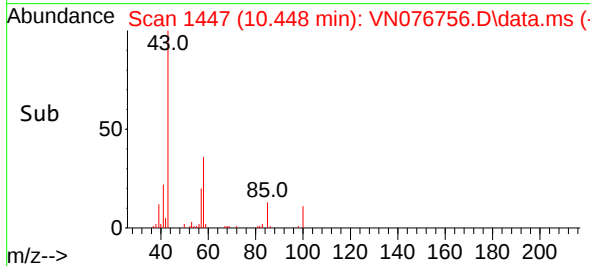
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



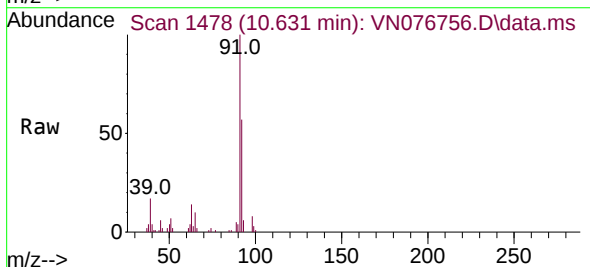
Tgt Ion: 43 Resp: 60425
Ion Ratio Lower Upper
43 100
58 33.4 29.5 44.3

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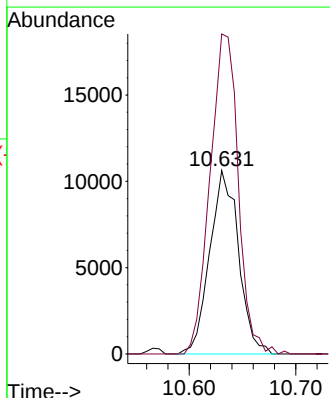
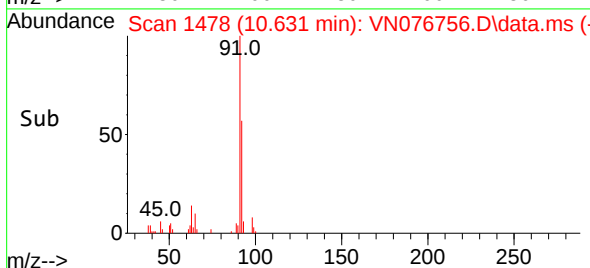
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

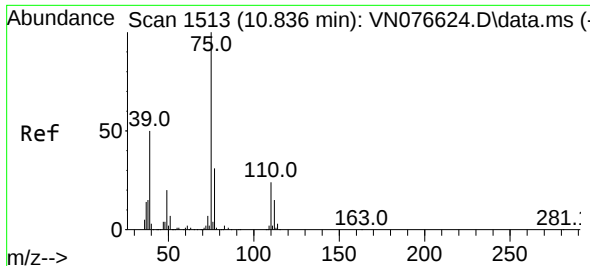


#52
Toluene
Concen: 2.603 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



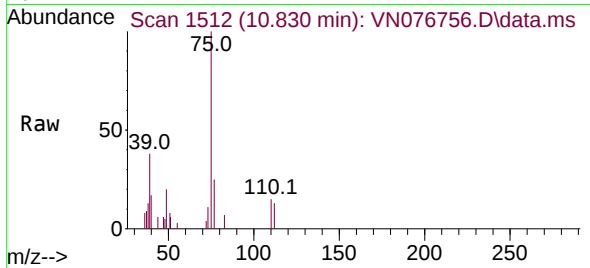
Tgt Ion: 92 Resp: 19963
Ion Ratio Lower Upper
92 100
91 171.2 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 2.496 ug/l
RT: 10.830 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

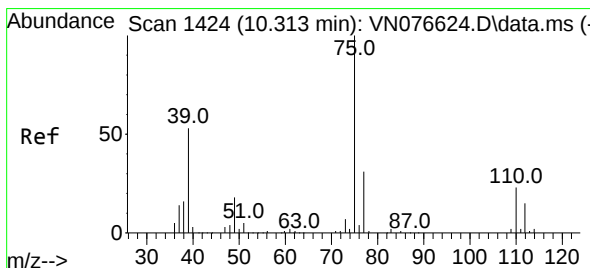
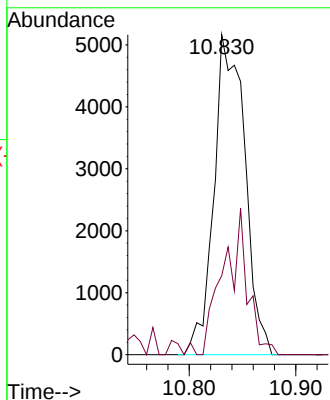
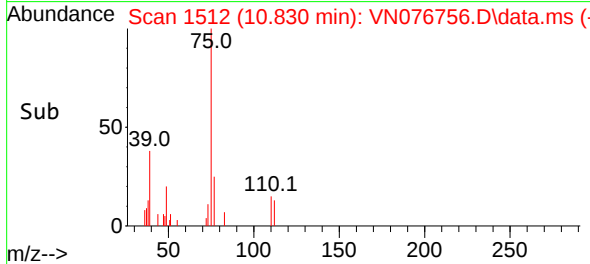
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 75 Resp: 1038
Ion Ratio Lower Upper
75 100
77 24.7 24.6 37.0

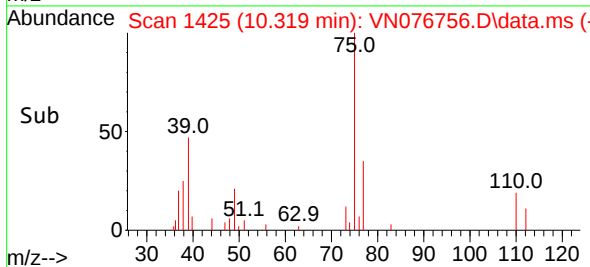
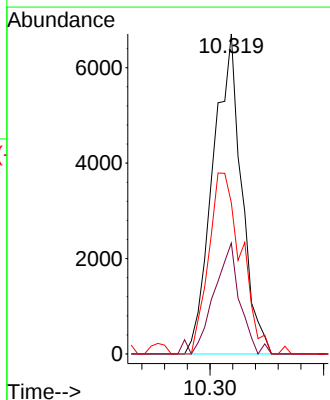
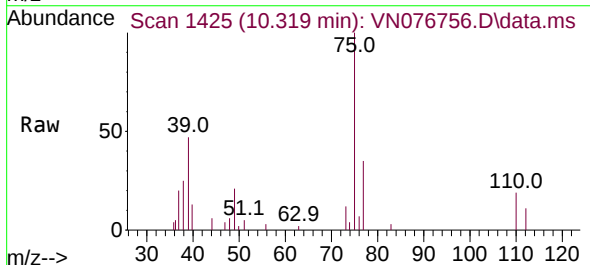
Manual Integrations
APPROVED

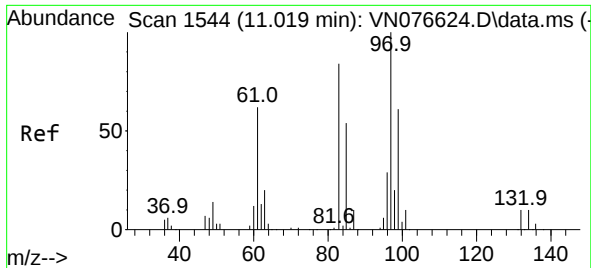
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 2.447 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

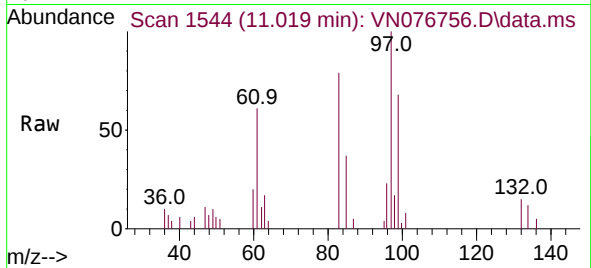
Tgt Ion: 75 Resp: 11742
Ion Ratio Lower Upper
75 100
77 34.7 25.1 37.7
39 47.2 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 2.719 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

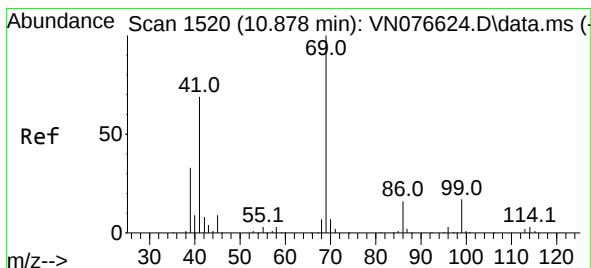
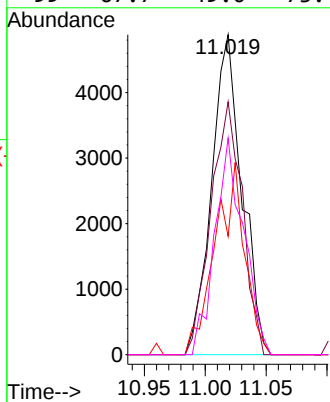
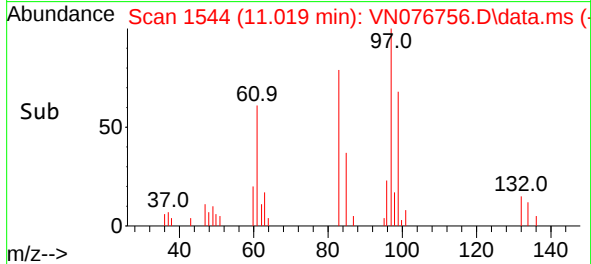
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 97 Resp: 8478
Ion Ratio Lower Upper
97 100
83 79.0 67.3 100.9
85 37.0 43.2 64.8
99 67.7 49.0 73.4

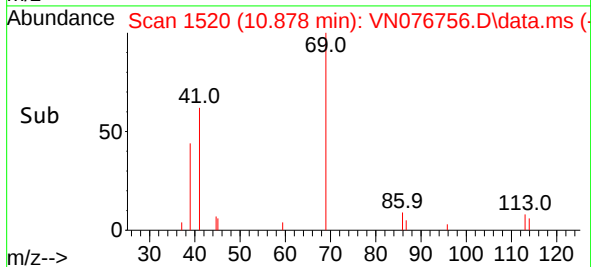
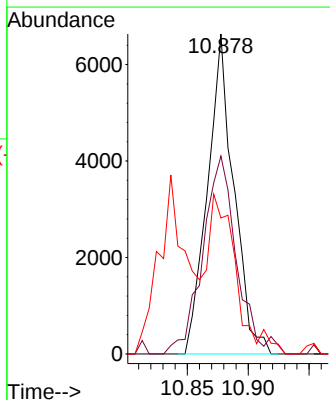
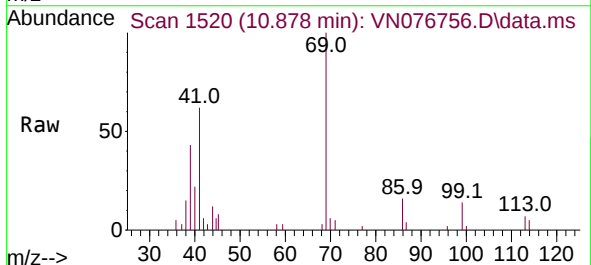
Manual Integrations
APPROVED

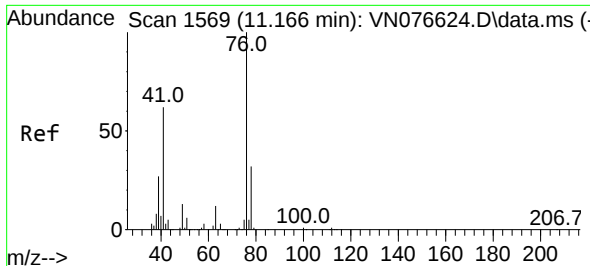
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#56
Ethyl methacrylate
Concen: 2.272 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion: 69 Resp: 9973
Ion Ratio Lower Upper
69 100
41 79.6 55.1 82.7
39 53.2 30.7 46.1





#57

1,3-Dichloropropane

Concen: 2.644 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076756.D

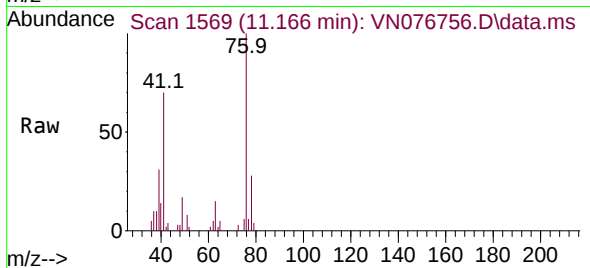
Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 76 Resp: 1416

Ion Ratio Lower Upper

76 100

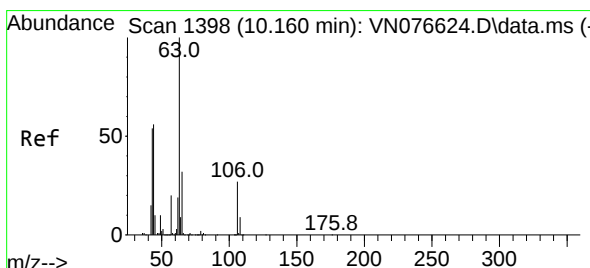
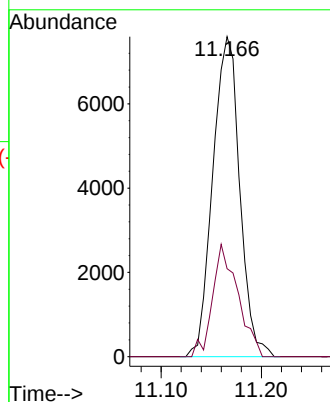
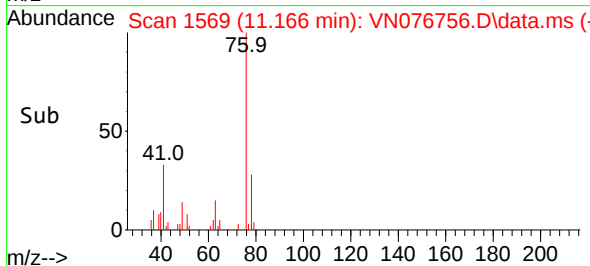
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 11.901 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076756.D

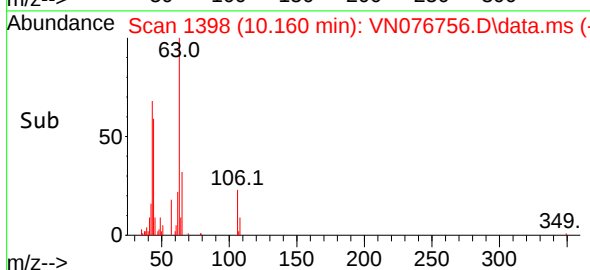
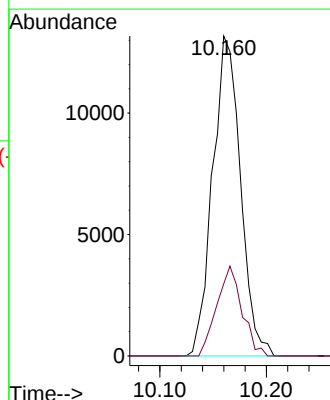
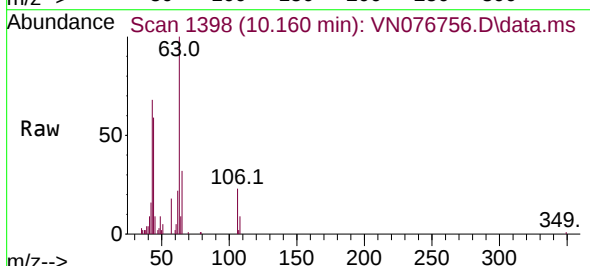
Acq: 21 Feb 2023 17:37

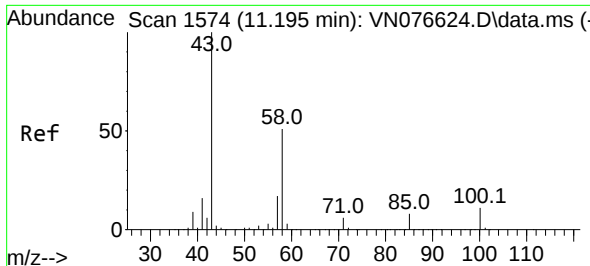
Tgt Ion: 63 Resp: 23921

Ion Ratio Lower Upper

63 100

106 25.4 22.3 33.5





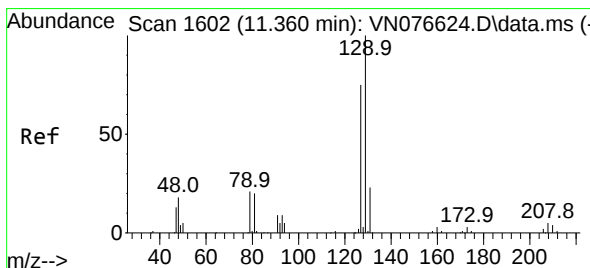
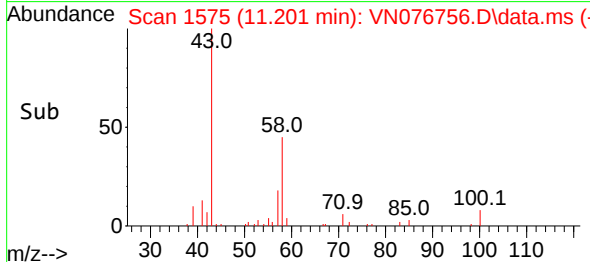
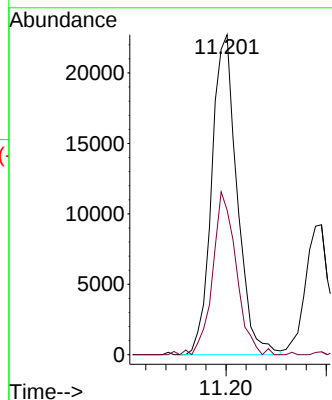
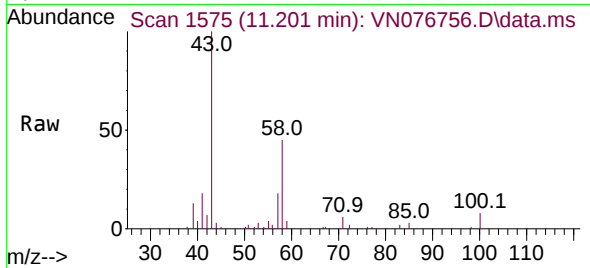
#59
2-Hexanone
Concen: 12.291 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 39920
Ion Ratio Lower Upper
43 100
58 47.0 25.4 76.0

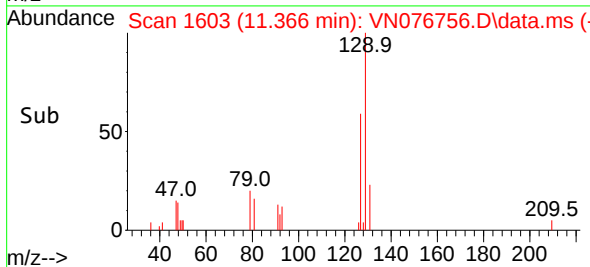
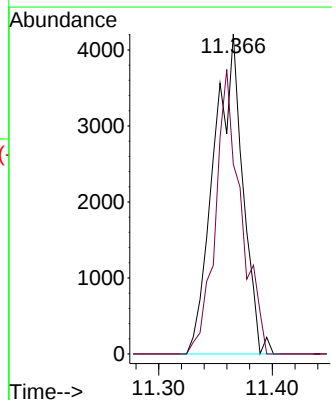
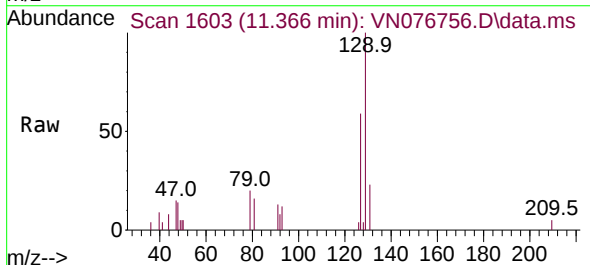
Manual Integrations
APPROVED

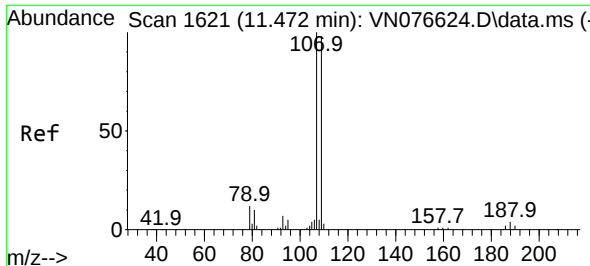
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 2.268 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

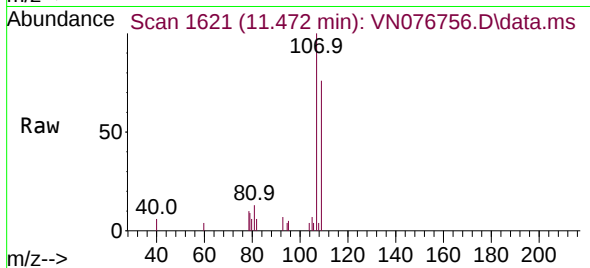
Tgt Ion:129 Resp: 7454
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.489 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

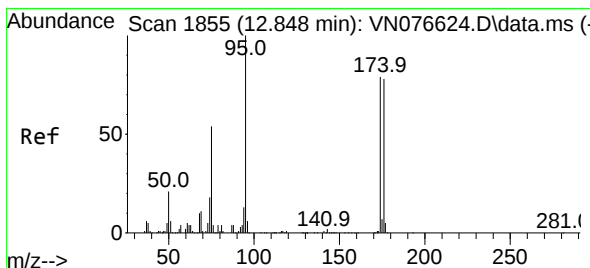
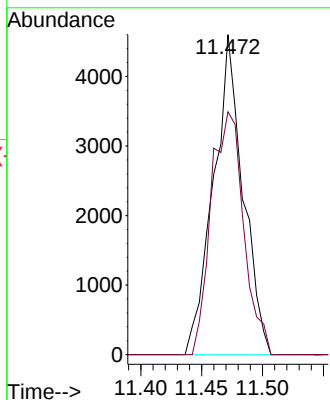
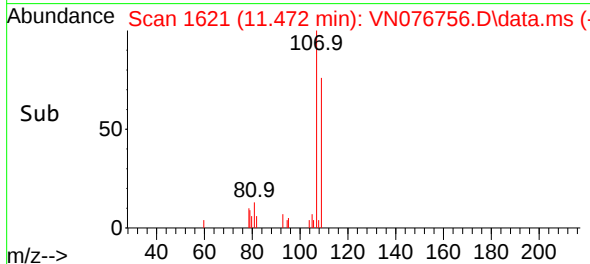
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



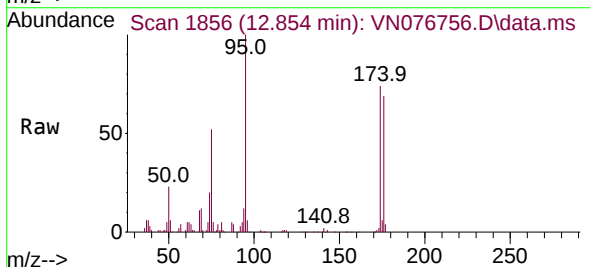
Tgt Ion:107 Resp: 776
Ion Ratio Lower Upper
107 100
109 83.8 76.8 115.2

Manual Integrations
APPROVED

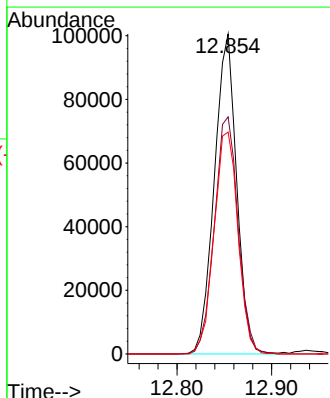
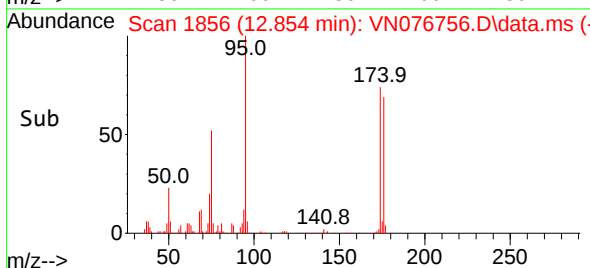
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

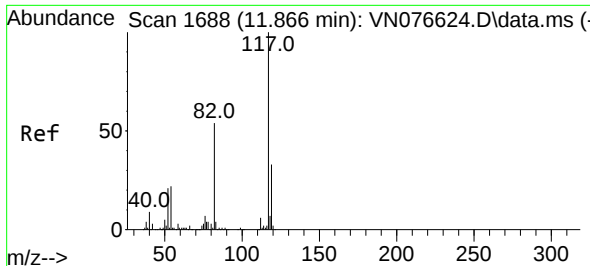


#62
4-Bromofluorobenzene
Concen: 46.421 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



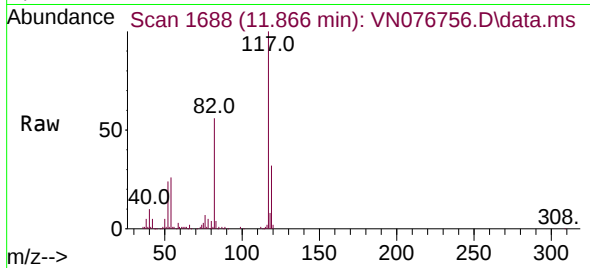
Tgt Ion: 95 Resp: 164357
Ion Ratio Lower Upper
95 100
174 78.9 0.0 169.2
176 74.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

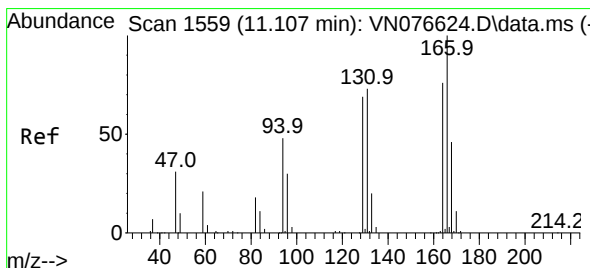
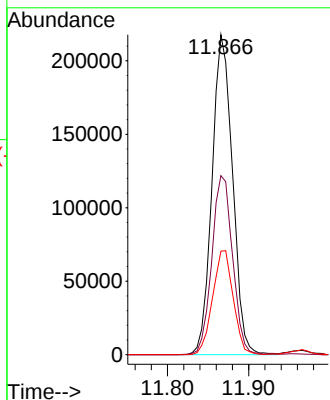
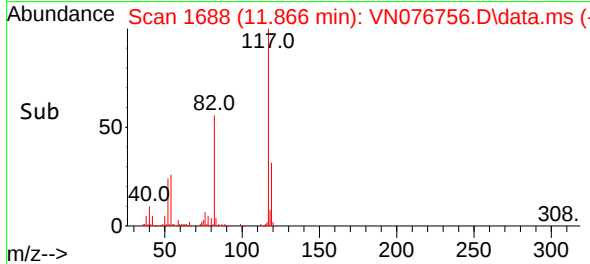
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:117 Resp: 38266
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.2
119 32.4 26.1 39.1

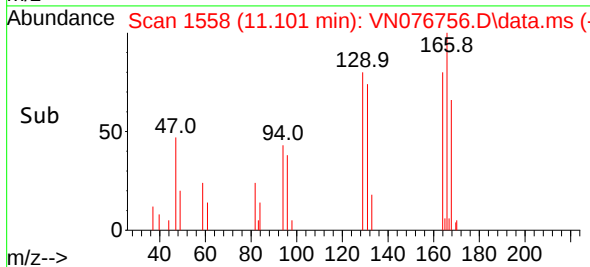
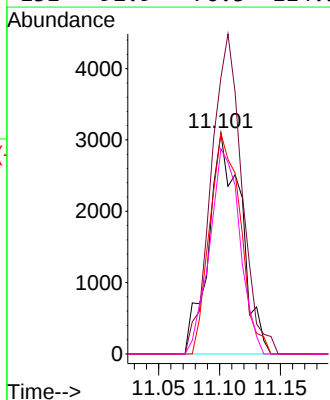
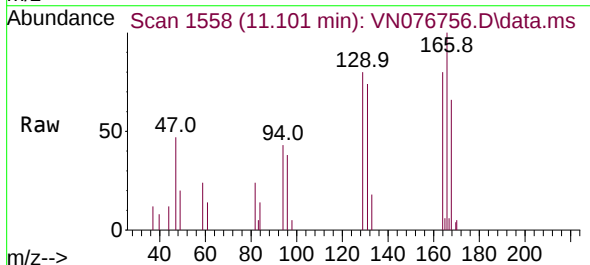
Manual Integrations
APPROVED

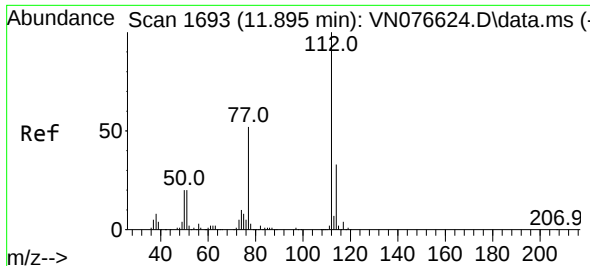
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 2.401 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

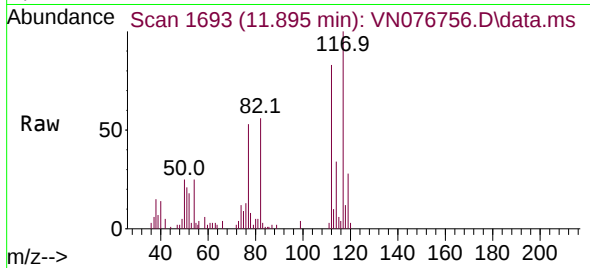
Tgt Ion:164 Resp: 5790
Ion Ratio Lower Upper
164 100
166 125.1 104.8 157.2
129 99.9 72.2 108.2
131 92.9 76.3 114.5





#65
Chlorobenzene
Concen: 2.556 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

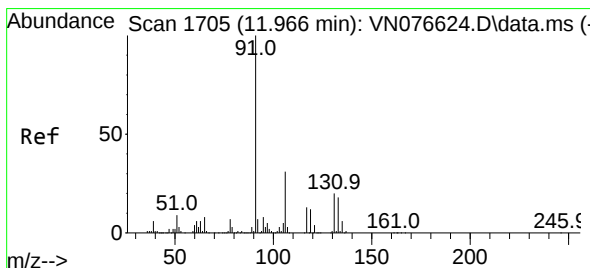
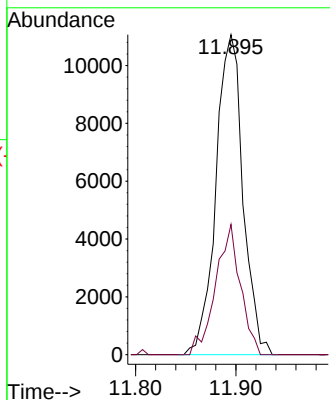
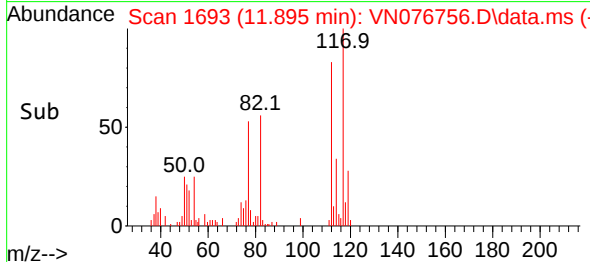
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



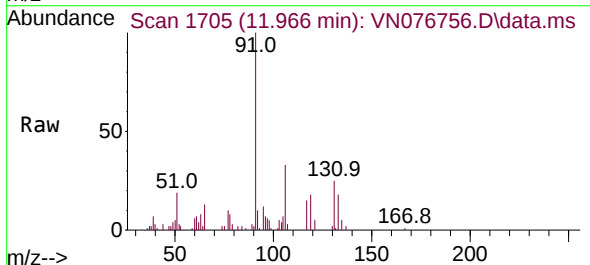
Tgt Ion:112 Resp: 20728
Ion Ratio Lower Upper
112 100
114 40.7 26.4 39.6

Manual Integrations
APPROVED

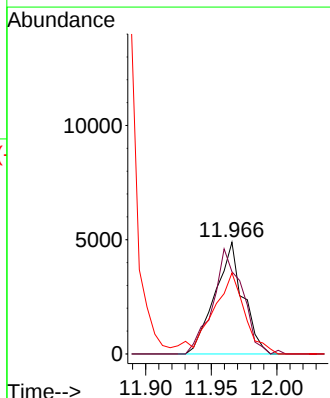
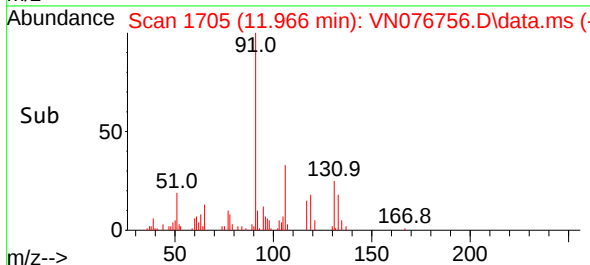
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

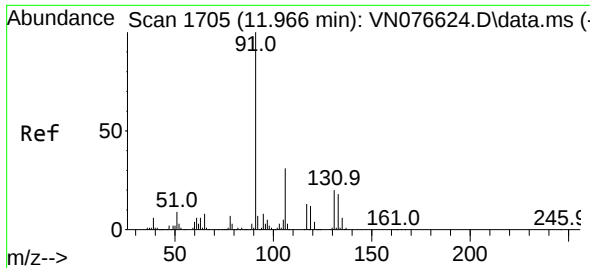


#66
1,1,1,2-Tetrachloroethane
Concen: 2.472 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



Tgt Ion:131 Resp: 7281
Ion Ratio Lower Upper
131 100
133 98.8 47.0 141.0
119 84.4 32.3 96.8





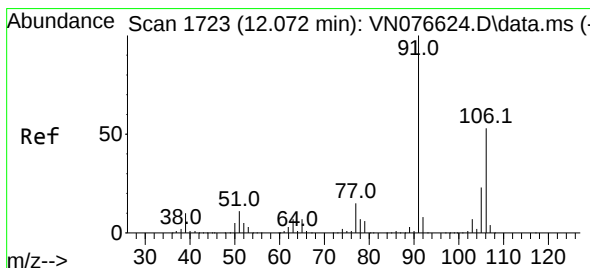
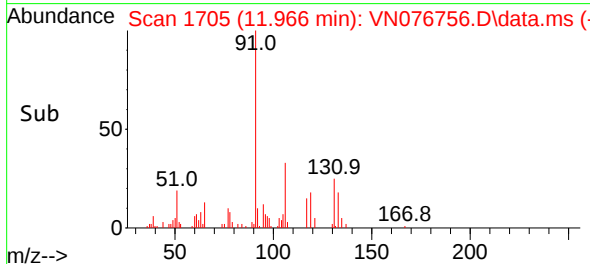
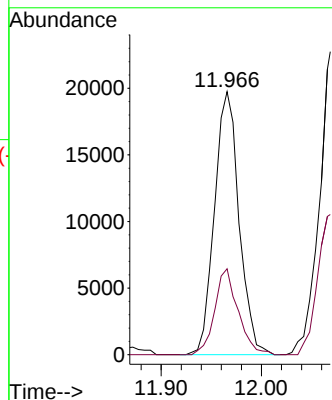
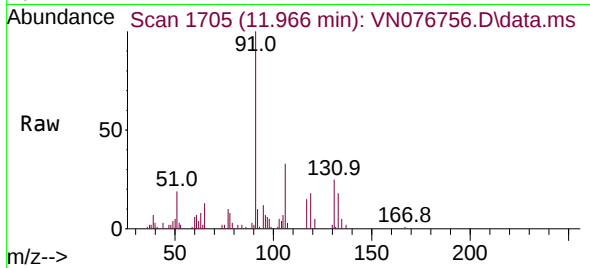
#67
Ethyl Benzene
Concen: 2.436 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 33662
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7

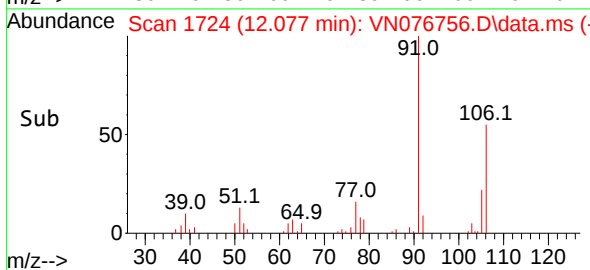
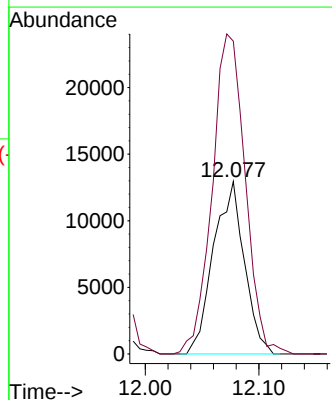
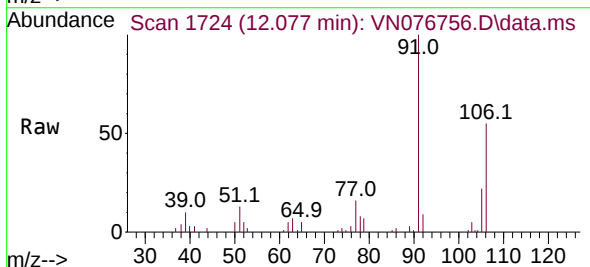
Manual Integrations
APPROVED

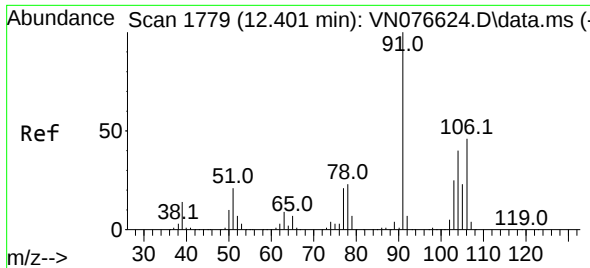
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 4.574 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion:106 Resp: 24359
Ion Ratio Lower Upper
106 100
91 198.9 154.7 232.1





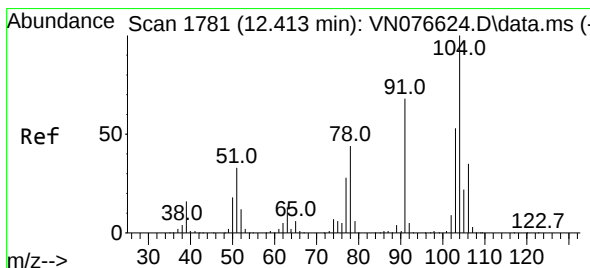
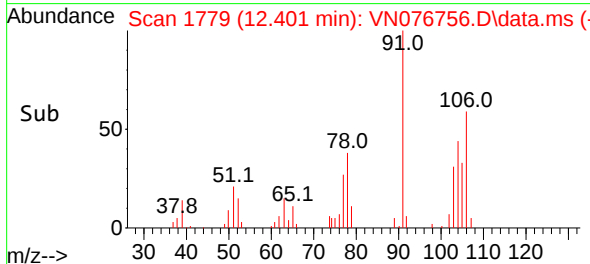
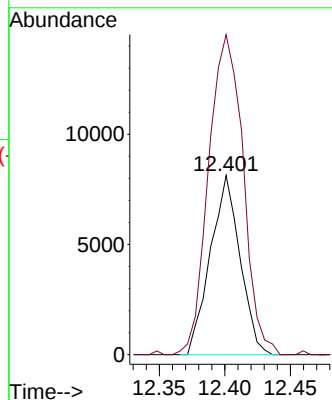
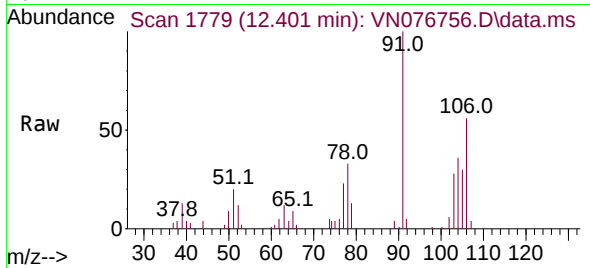
#69
o-Xylene
Concen: 2.470 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 1282
Ion Ratio Lower Upper
106 100
91 207.4 105.8 317.4

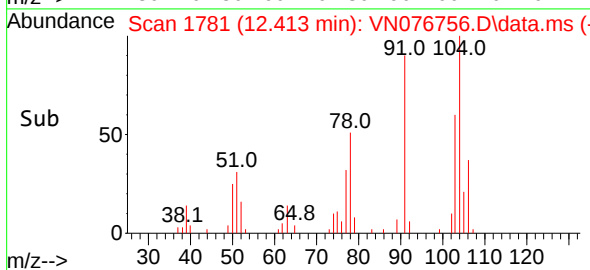
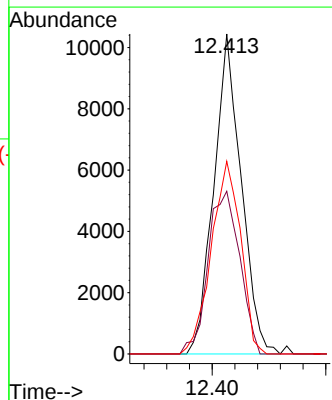
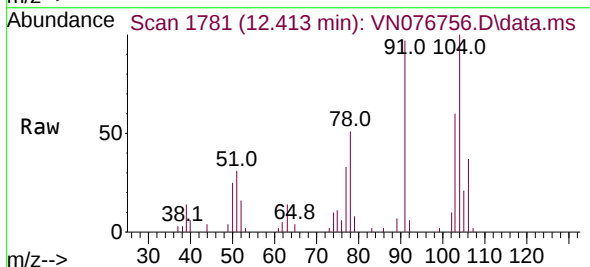
Manual Integrations
APPROVED

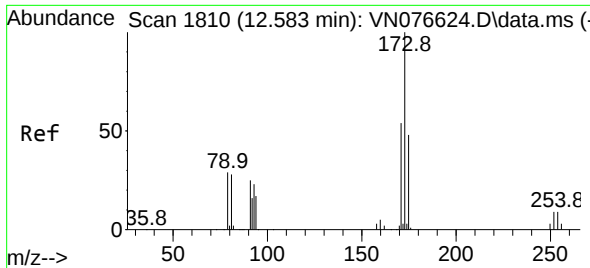
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 2.083 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

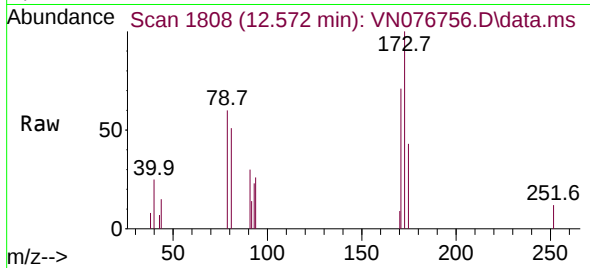
Tgt Ion:104 Resp: 17498
Ion Ratio Lower Upper
104 100
78 58.7 38.2 57.4#
103 64.5 44.2 66.4





#71
Bromoform
Concen: 2.221 ug/l m
RT: 12.572 min Scan# 1808
Delta R.T. -0.011 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

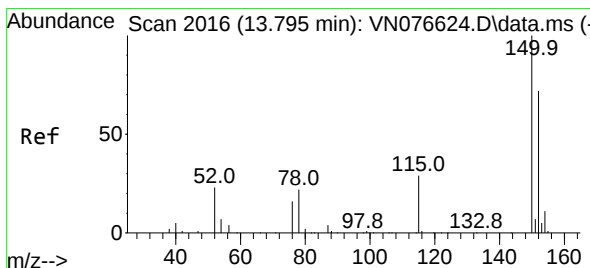
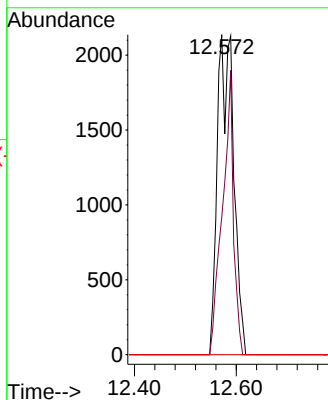
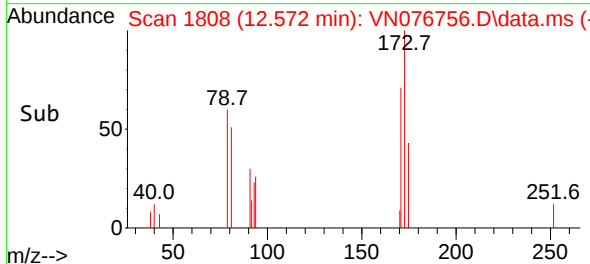
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



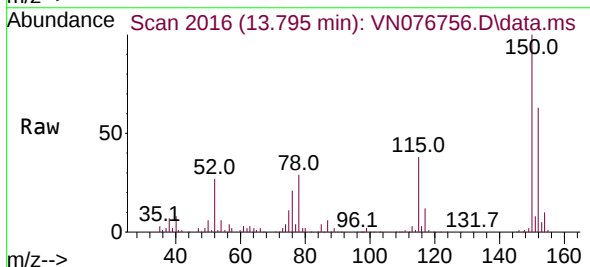
Tgt Ion:173 Resp: 4798
Ion Ratio Lower Upper
173 100
175 59.7 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

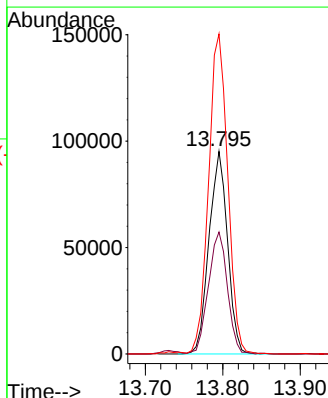
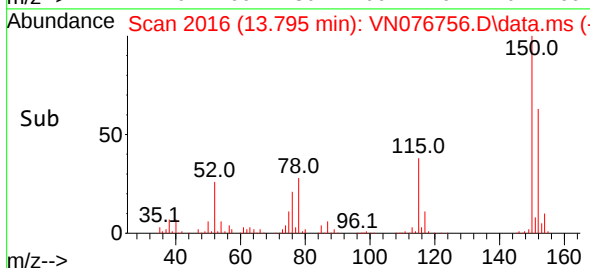
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

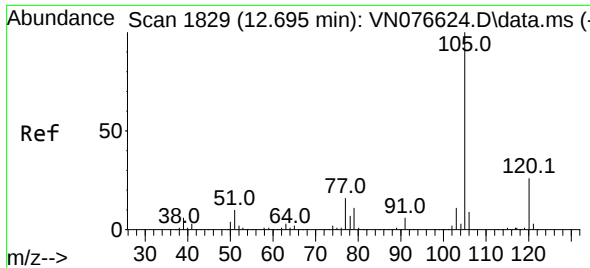


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



Tgt Ion:152 Resp: 157921
Ion Ratio Lower Upper
152 100
115 61.7 29.3 87.9
150 163.3 0.0 349.8





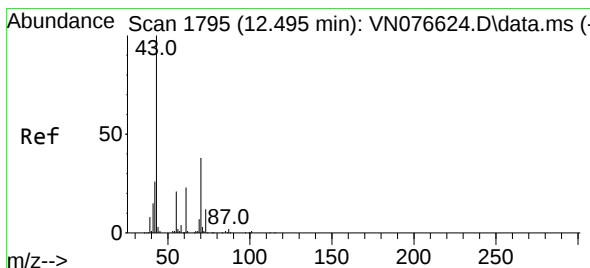
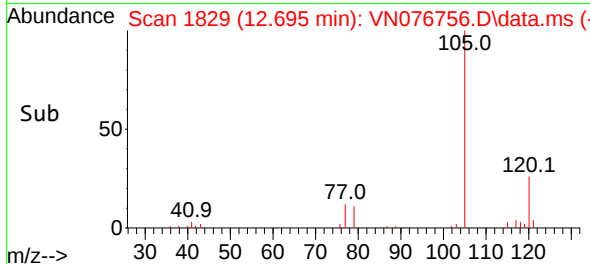
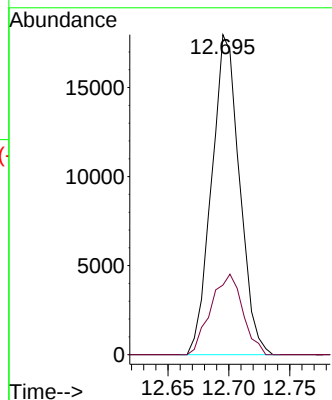
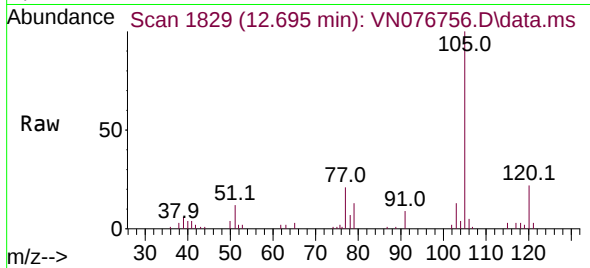
#73
Isopropylbenzene
Concen: 2.476 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 2866
Ion Ratio Lower Upper
105 100
120 28.7 13.7 41.0

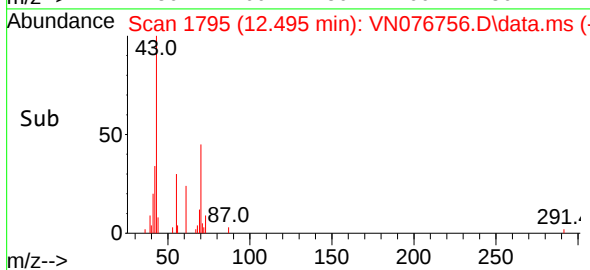
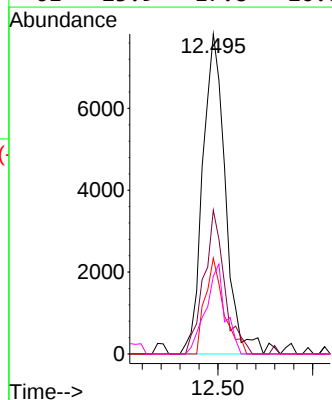
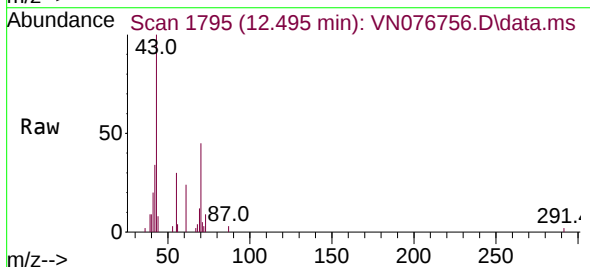
Manual Integrations
APPROVED

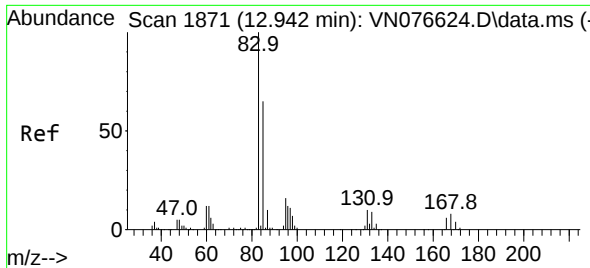
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-ethyl acetate
Concen: 2.498 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

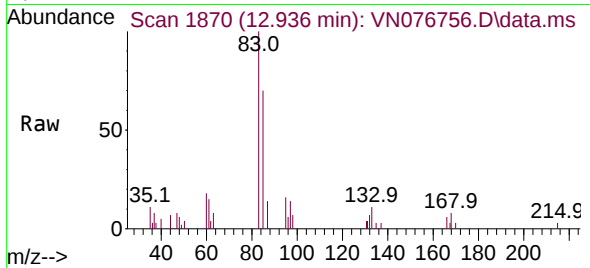
Tgt Ion: 43 Resp: 13034
Ion Ratio Lower Upper
43 100
70 40.7 30.5 45.7
55 24.6 17.8 26.8
61 23.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 3.009 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

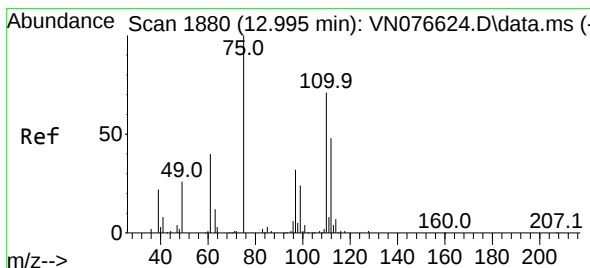
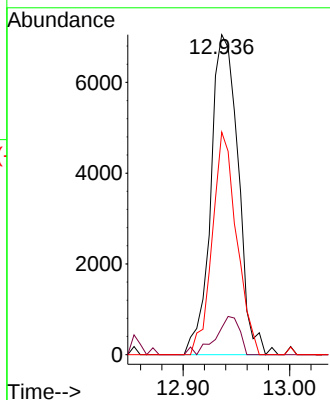
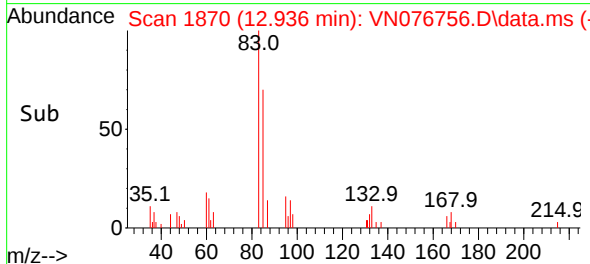
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 83 Resp: 12600
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 61.8 31.8 95.3

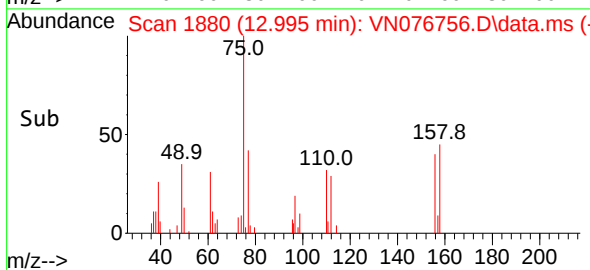
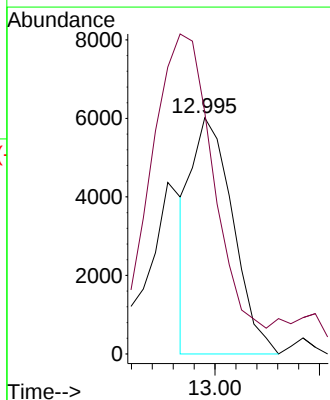
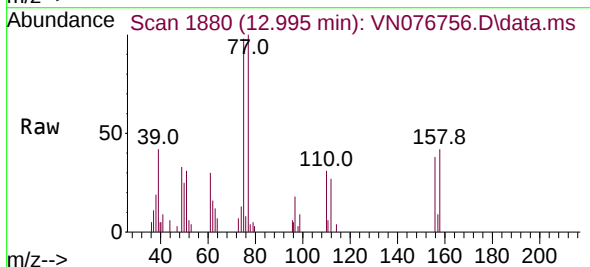
Manual Integrations
APPROVED

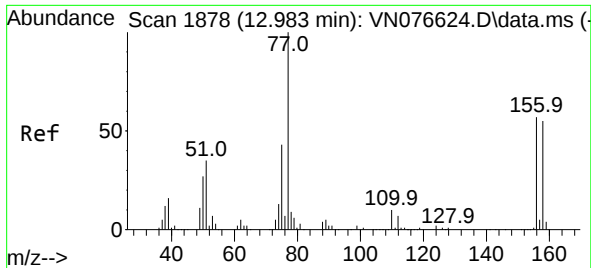
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 2.608 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

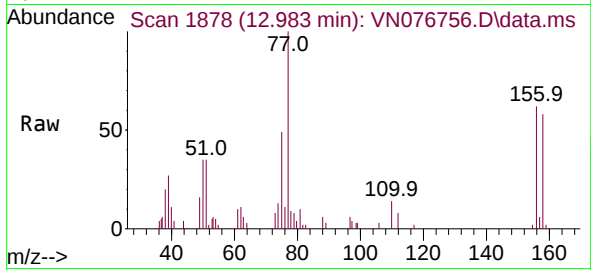
Tgt Ion: 75 Resp: 8327
Ion Ratio Lower Upper
75 100
77 213.8 93.1 279.3





#77
Bromobenzene
Concen: 2.711 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

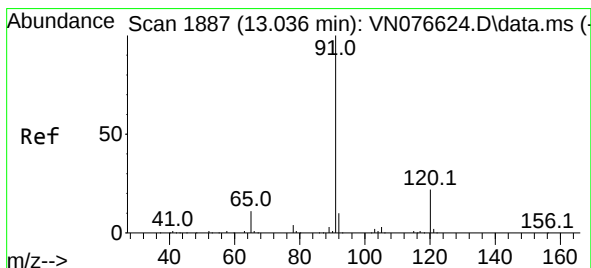
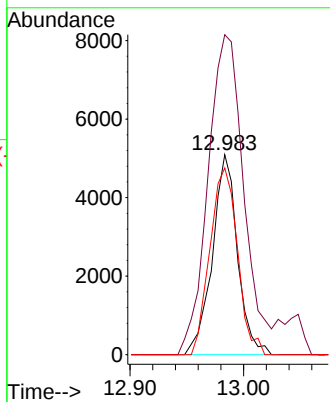
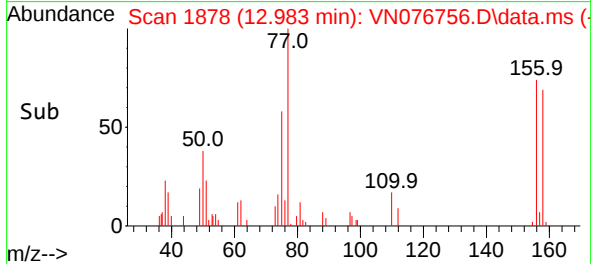
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:156 Resp: 7828
Ion Ratio Lower Upper
156 100
77 227.4 102.8 308.4
158 102.5 48.9 146.6

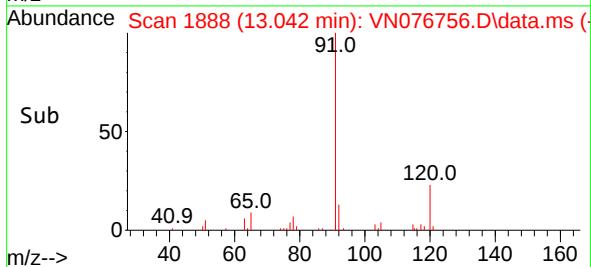
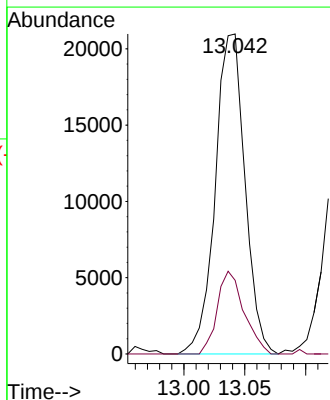
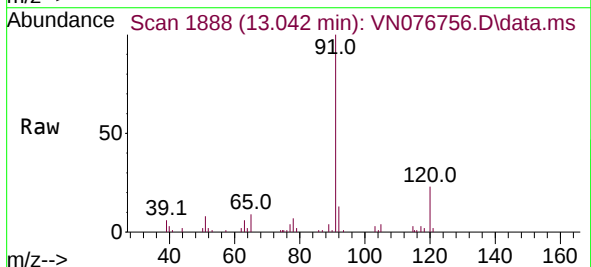
Manual Integrations
APPROVED

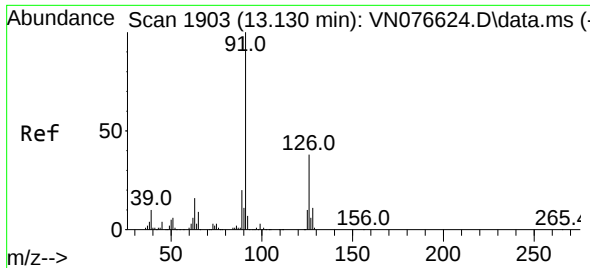
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#78
n-propylbenzene
Concen: 2.621 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion: 91 Resp: 35625
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5





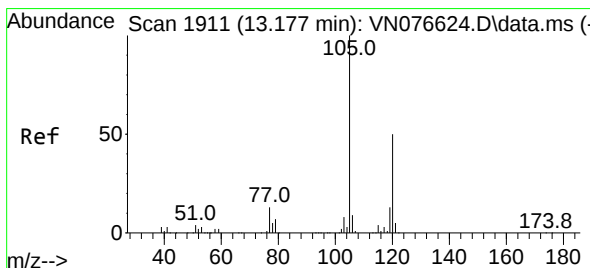
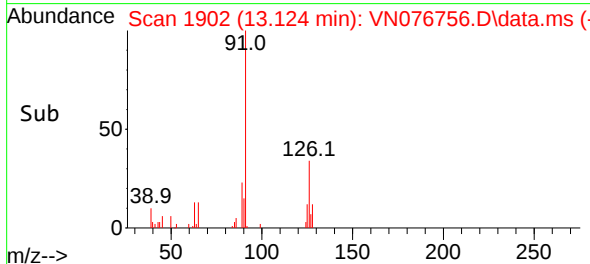
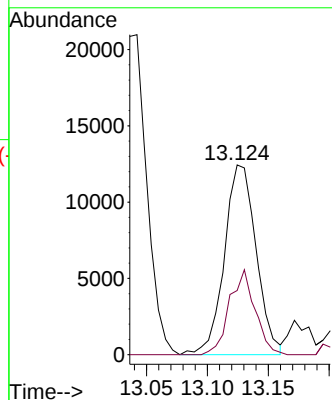
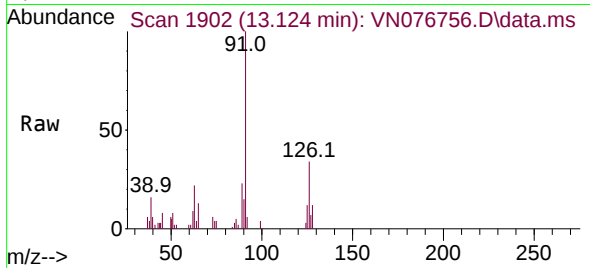
#79
2-Chlorotoluene
Concen: 2.719 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 22632
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1

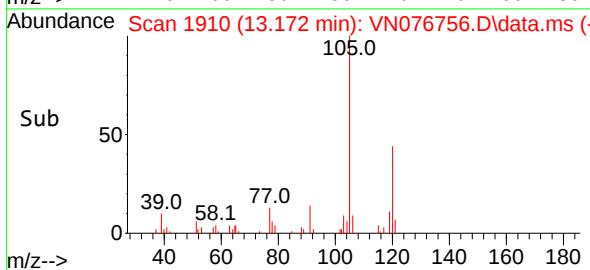
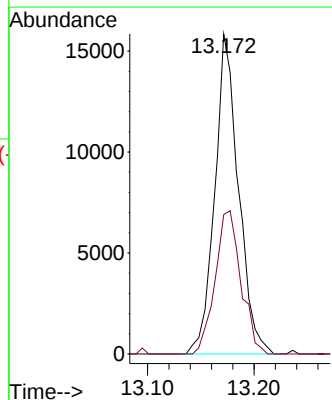
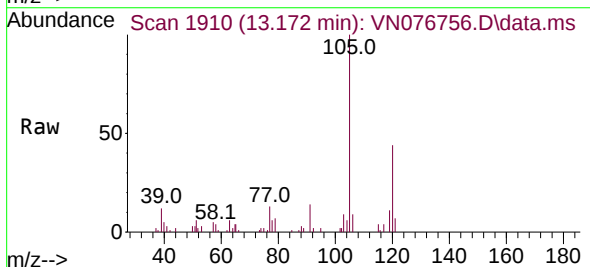
Manual Integrations
APPROVED

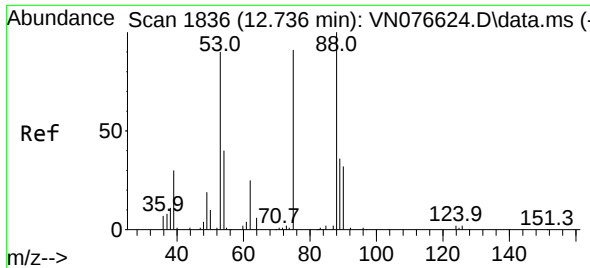
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 2.556 ug/l
RT: 13.172 min Scan# 1910
Delta R.T. -0.005 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

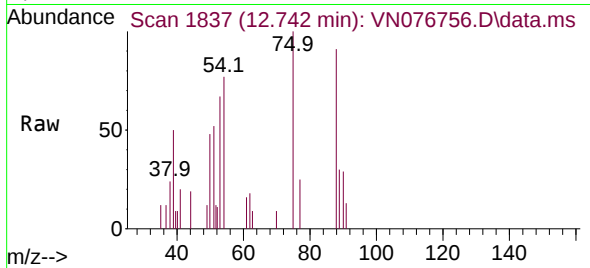
Tgt Ion:105 Resp: 24452
Ion Ratio Lower Upper
105 100
120 48.7 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.584 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

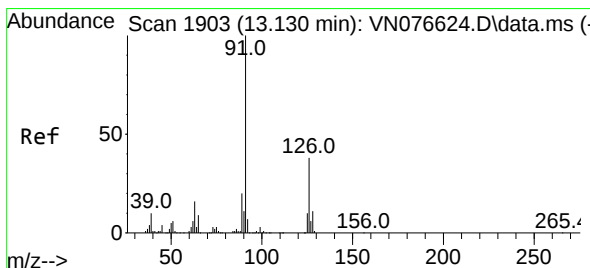
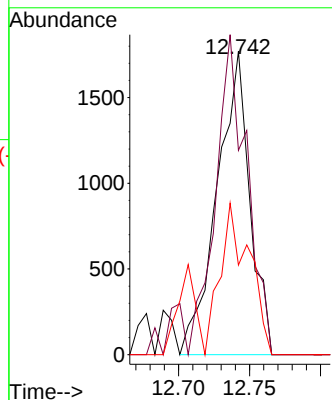
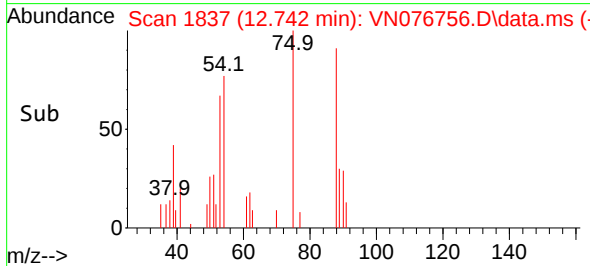
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 75 Resp: 283
Ion Ratio Lower Upper
75 100
53 101.2 92.1 138.1
89 44.8 37.5 56.3

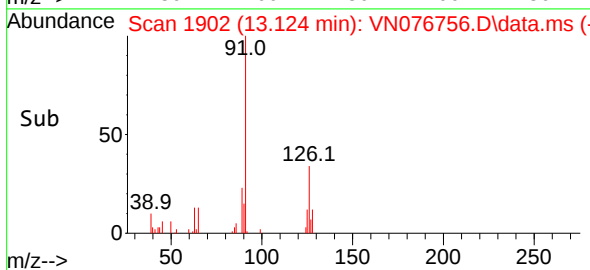
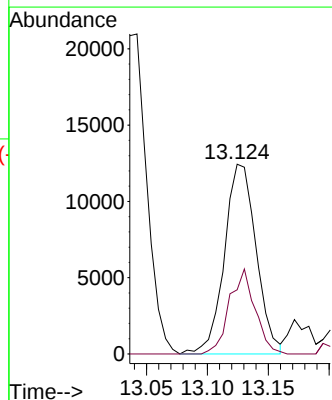
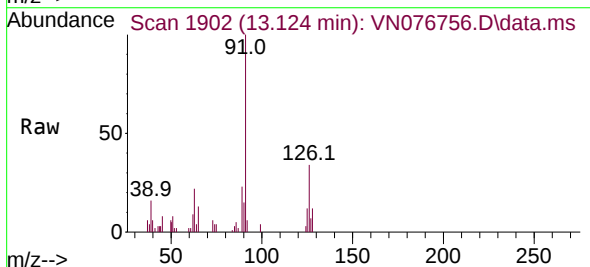
Manual Integrations
APPROVED

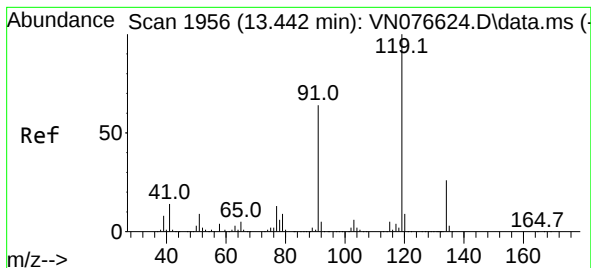
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 2.719 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Tgt Ion: 91 Resp: 22632
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1





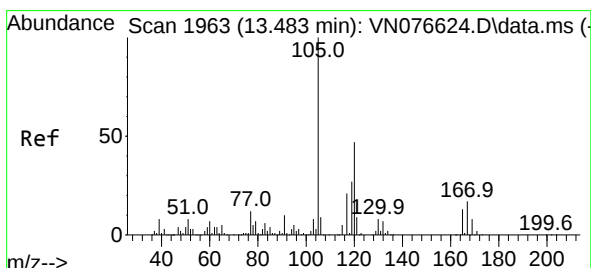
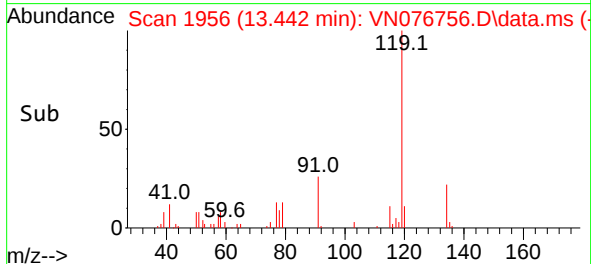
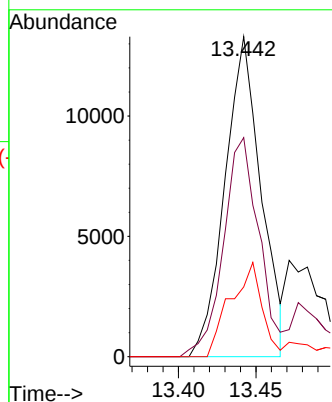
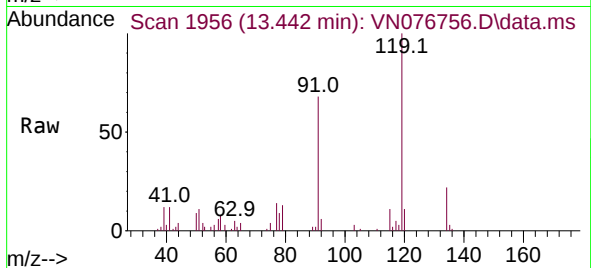
#83
tert-Butylbenzene
Concen: 2.488 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:119 Resp: 2153
Ion Ratio Lower Upper
119 100
91 67.3 32.0 96.2
134 25.8 13.8 41.4

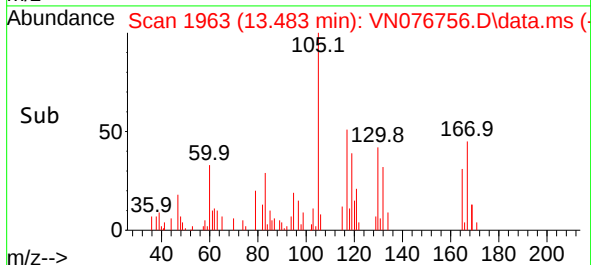
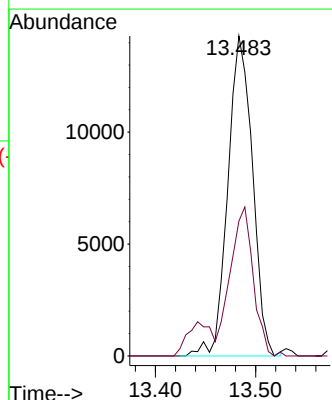
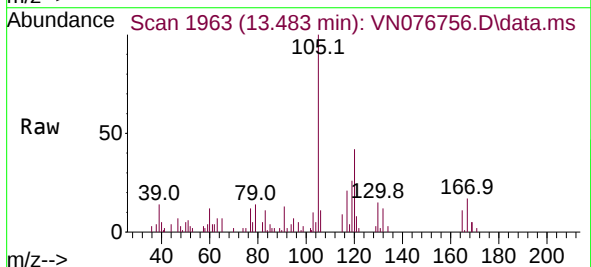
Manual Integrations
APPROVED

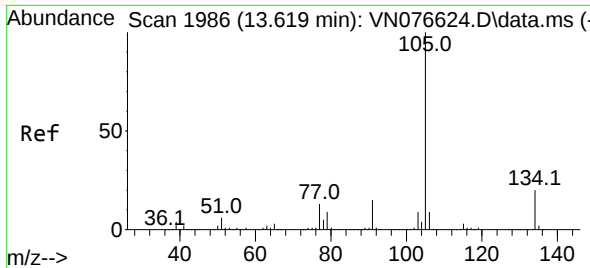
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 2.561 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

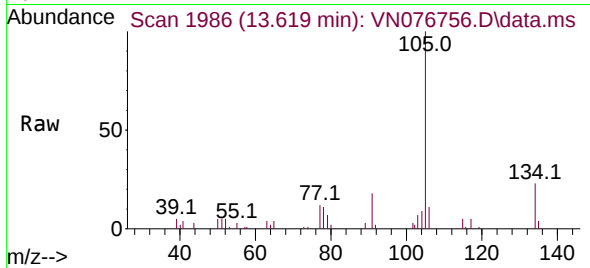
Tgt Ion:105 Resp: 24415
Ion Ratio Lower Upper
105 100
120 43.5 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 2.385 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37

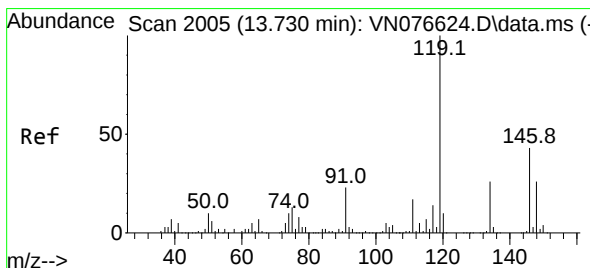
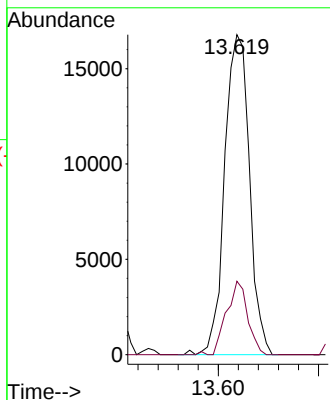
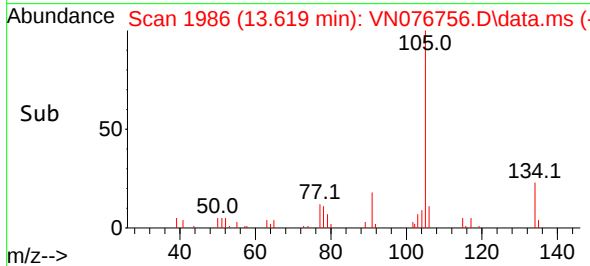
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



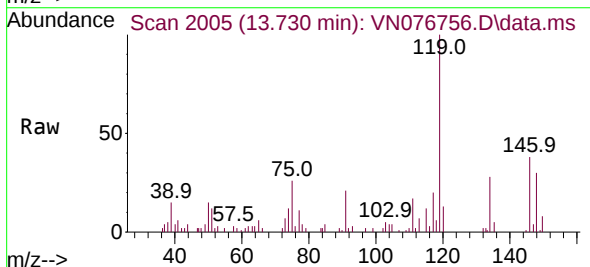
Tgt Ion:105 Resp: 28810
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.5 31.5

Manual Integrations
 APPROVED

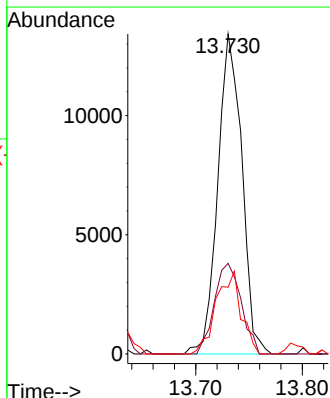
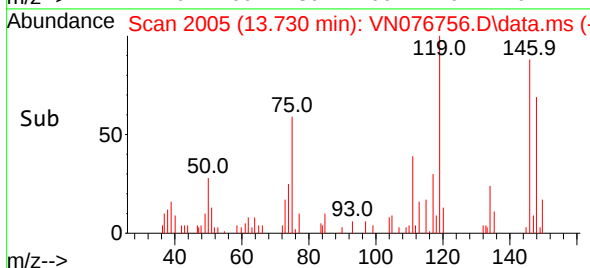
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

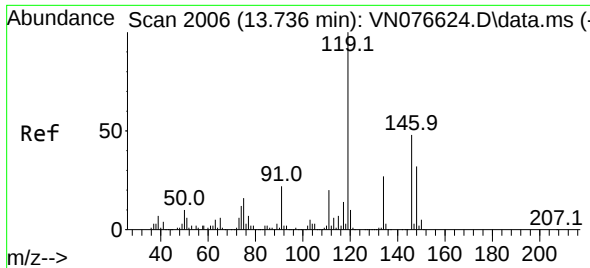


#86
 p-Isopropyltoluene
 Concen: 2.181 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37



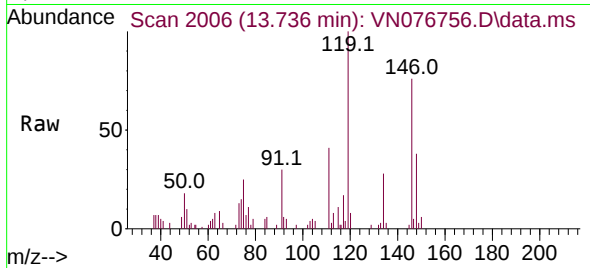
Tgt Ion:119 Resp: 21038
 Ion Ratio Lower Upper
 119 100
 134 31.6 13.4 40.1
 91 27.0 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 2.437 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37

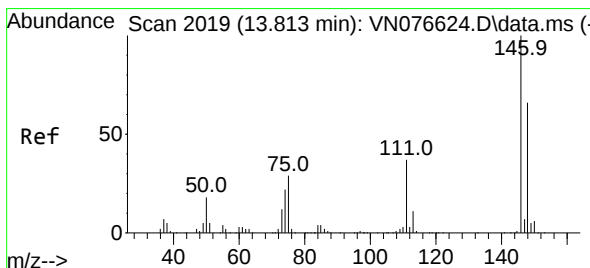
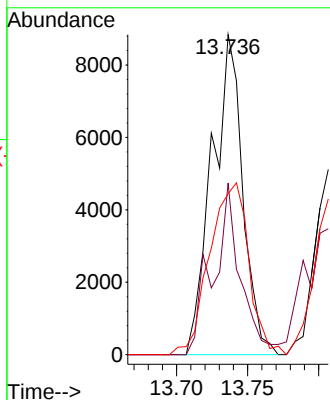
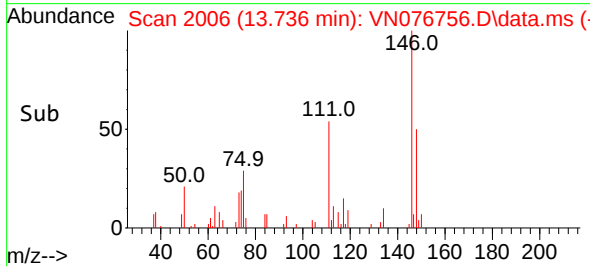
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



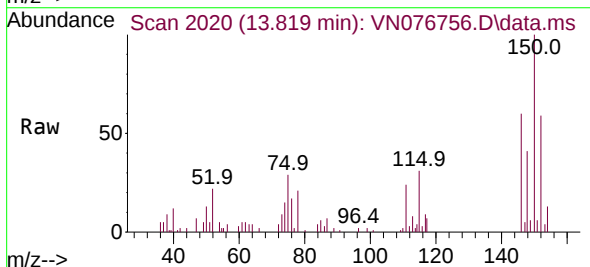
Tgt Ion:146 Resp: 13304
 Ion Ratio Lower Upper
 146 100
 111 48.2 19.8 59.4
 148 68.4 32.0 96.2

Manual Integrations
 APPROVED

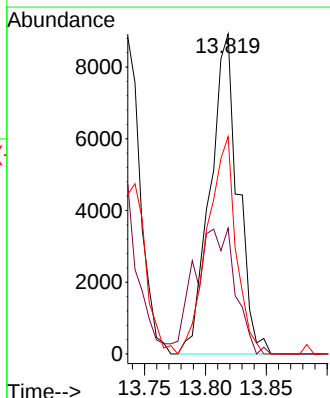
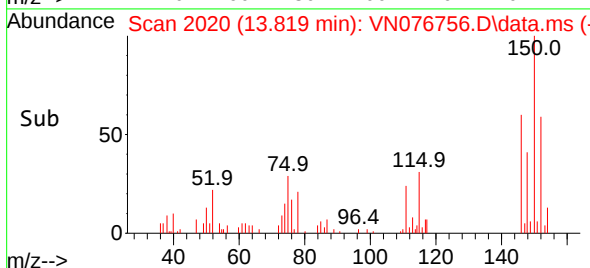
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

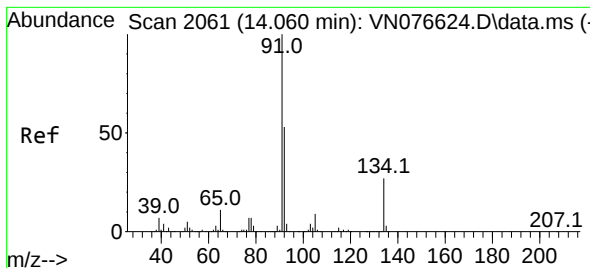


#88
 1,4-Dichlorobenzene
 Concen: 2.615 ug/l
 RT: 13.819 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VN076756.D
 Acq: 21 Feb 2023 17:37



Tgt Ion:146 Resp: 14216
 Ion Ratio Lower Upper
 146 100
 111 57.4 19.4 58.1
 148 69.3 32.7 98.1





#89

n-Butylbenzene

Concen: 2.175 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

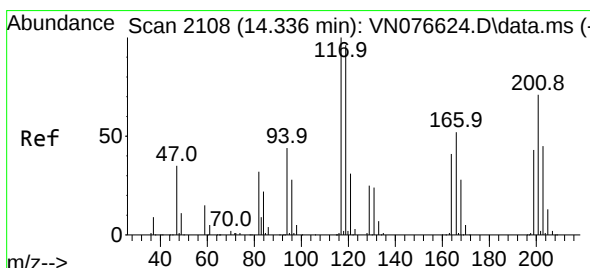
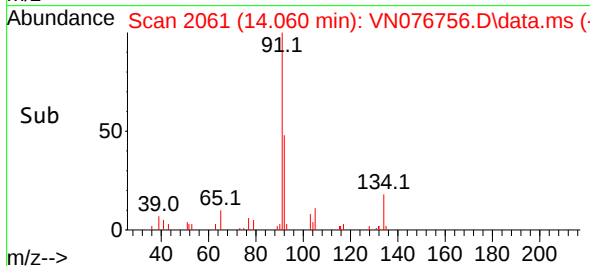
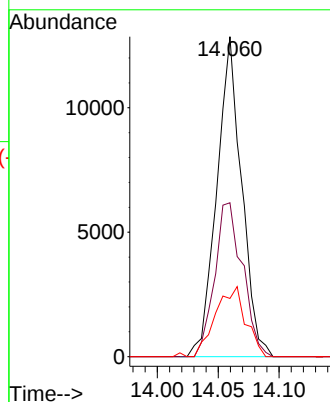
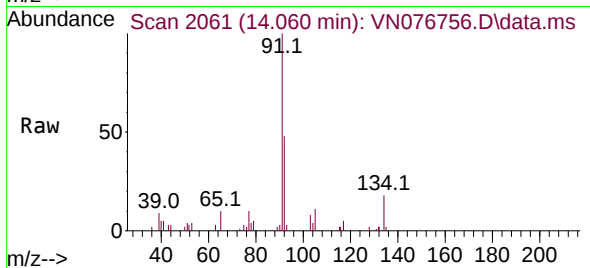
Tgt Ion:	91	Resp:	1825
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.4	79.0
134	26.9	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#90

Hexachloroethane

Concen: 2.651 ug/l

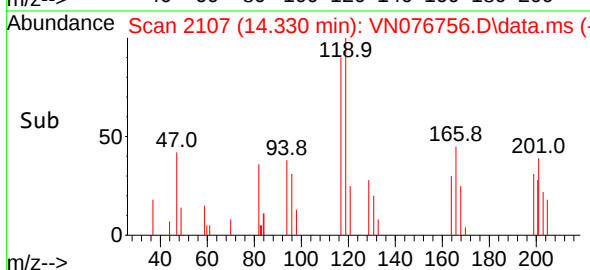
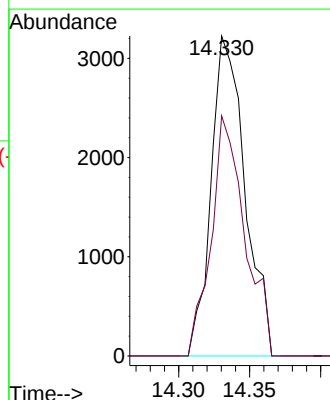
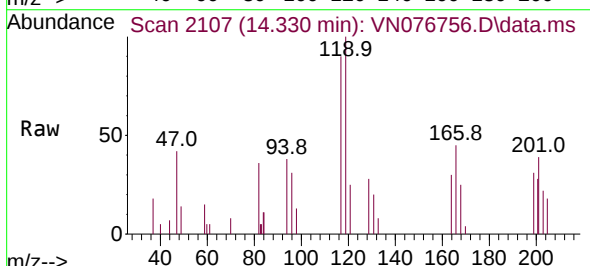
RT: 14.330 min Scan# 2107

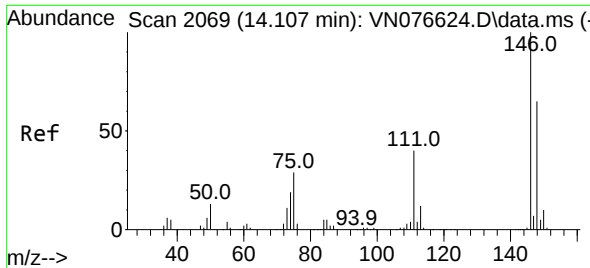
Delta R.T. -0.006 min

Lab File: VN076756.D

Acq: 21 Feb 2023 17:37

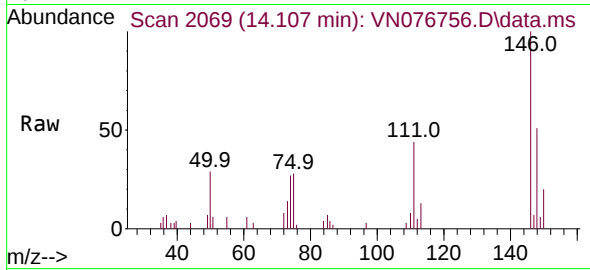
Tgt Ion:	117	Resp:	5356
Ion	Ratio	Lower	Upper
117	100		
201	74.5	35.5	106.7





#91
1,2-Dichlorobenzene
Concen: 2.719 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

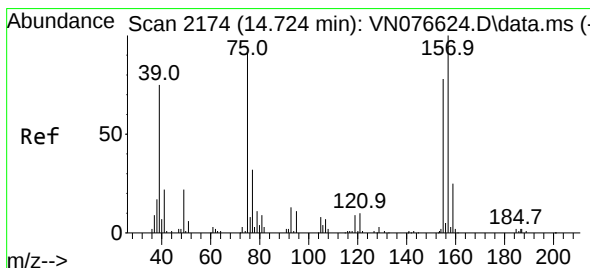
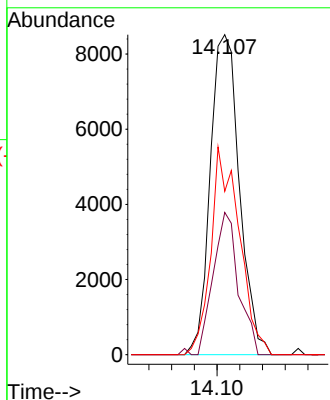
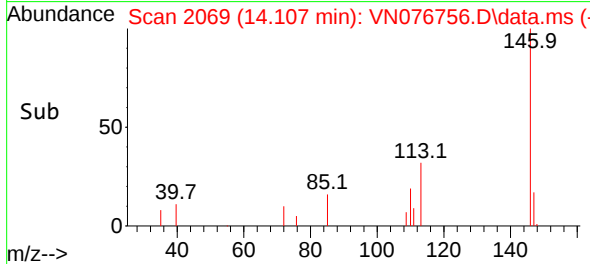
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



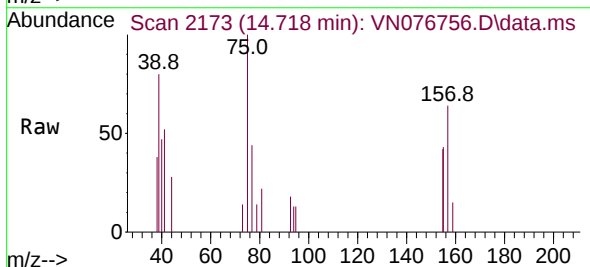
Tgt Ion:146 Resp: 1521
Ion Ratio Lower Upper
146 100
111 38.8 20.0 59.9
148 63.1 32.4 97.2

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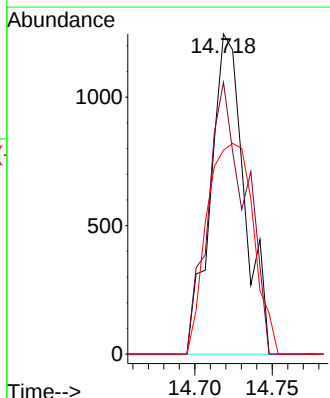
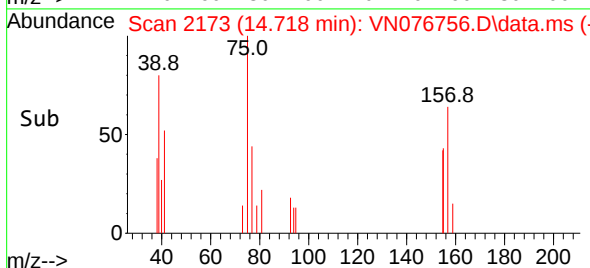
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

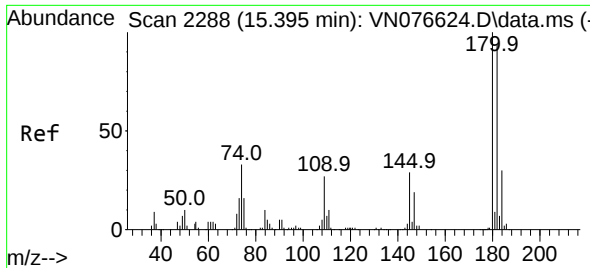


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.328 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



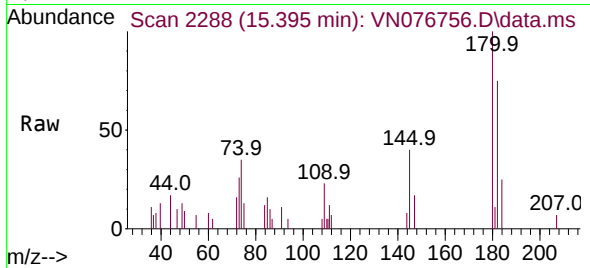
Tgt Ion: 75 Resp: 1890
Ion Ratio Lower Upper
75 100
155 94.2 43.4 130.2
157 90.3 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 2.041 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

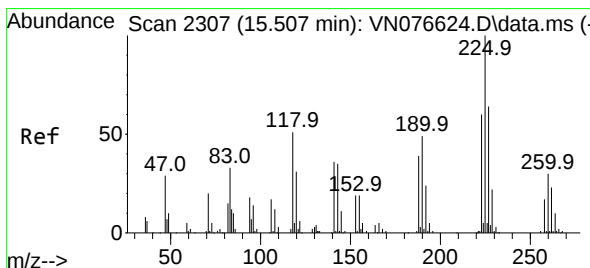
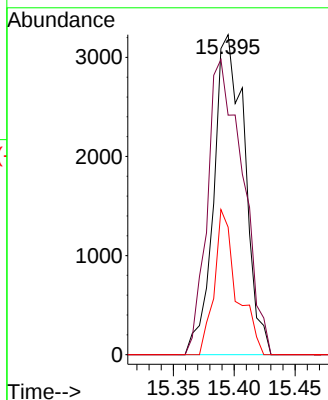
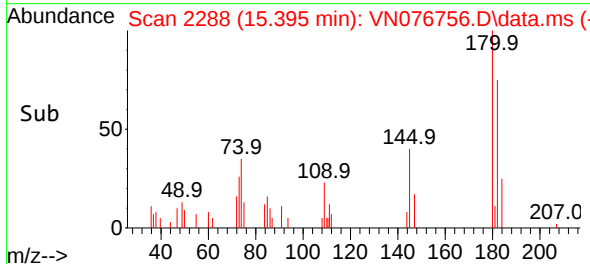
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:180 Resp: 5698
Ion Ratio Lower Upper
180 100
182 105.3 48.0 144.0
145 33.2 15.2 45.6

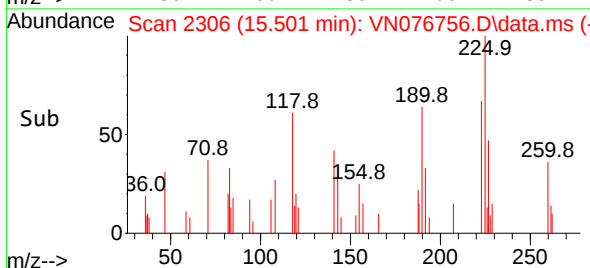
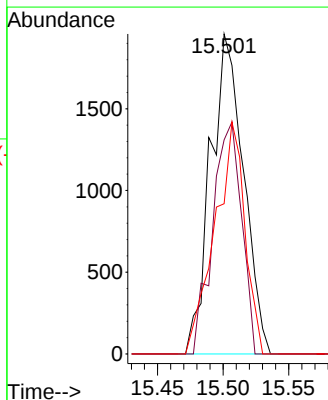
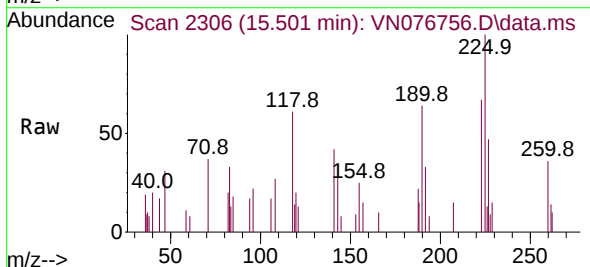
Manual Integrations
APPROVED

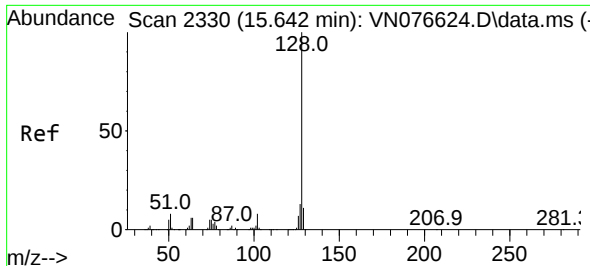
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#94
Hexachlorobutadiene
Concen: 2.497 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

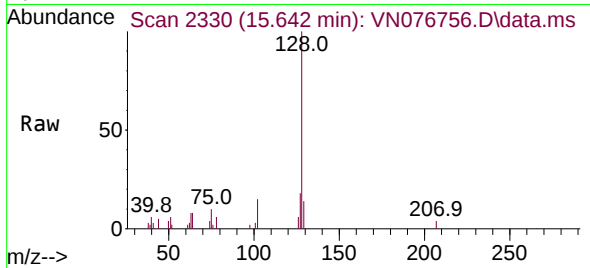
Tgt Ion:225 Resp: 3416
Ion Ratio Lower Upper
225 100
223 63.5 31.6 95.0
227 65.8 31.3 93.9





#95
Naphthalene
Concen: 2.003 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37

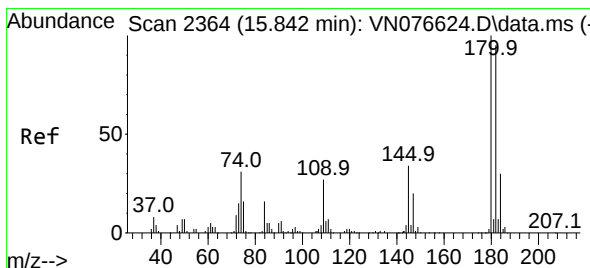
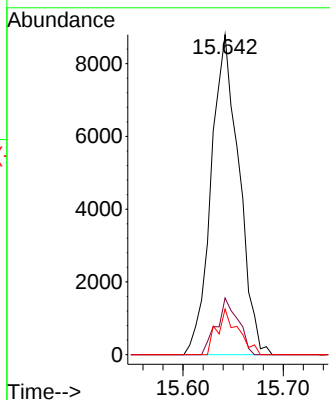
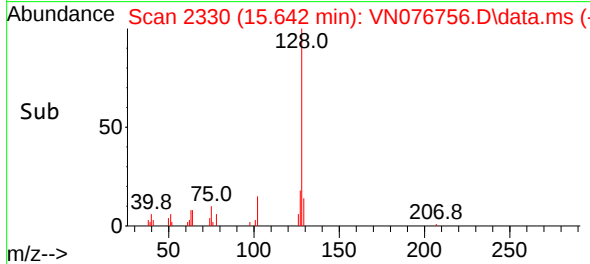
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



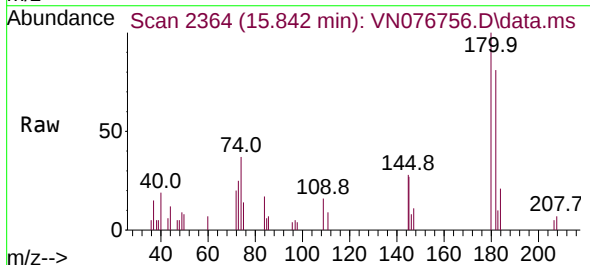
Tgt Ion:128 Resp: 1696
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 2.483 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076756.D
Acq: 21 Feb 2023 17:37



Tgt Ion:180 Resp: 6716
Ion Ratio Lower Upper
180 100
182 85.8 46.7 140.1
145 40.1 16.0 47.9

