

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076755.D
 Acq On : 21 Feb 2023 17:13
 Operator : JC\MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 22 04:13:04 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	8.230	168	239942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	436856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	381560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	144803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190780	57.581	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.160%			
35) Dibromofluoromethane	8.178	113	144526	50.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	10.571	98	541466	50.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.854	95	157859	44.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	1513	0.594	ug/l	83
3) Chloromethane	2.378	50	2985	0.898	ug/l	95
4) Vinyl Chloride	2.531	62	2971	0.908	ug/l	97
5) Bromomethane	2.978	94	3236	1.632	ug/l #	79
6) Chloroethane	3.125	64	1579	0.764	ug/l #	85
7) Trichlorofluoromethane	3.507	101	3301	0.742	ug/l	95
8) Diethyl Ether	3.990	74	1320	0.770	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.384	101	1805m	0.690	ug/l	
10) Methyl Iodide	4.613	142	1659m	0.514	ug/l	
11) Tert butyl alcohol	5.537	59	2298m	5.255	ug/l	
12) 1,1-Dichloroethene	4.342	96	2307	0.932	ug/l #	57
13) Acrolein	4.201	56	2469	3.760	ug/l #	41
14) Allyl chloride	5.042	41	3763	0.877	ug/l #	72
15) Acrylonitrile	5.737	53	5972	3.848	ug/l	92
16) Acetone	4.460	43	5980	4.041	ug/l #	75
17) Carbon Disulfide	4.719	76	4840	0.740	ug/l #	73
18) Methyl Acetate	5.042	43	4733	0.980	ug/l #	73
19) Methyl tert-butyl Ether	5.807	73	5963	0.714	ug/l	94
20) Methylene Chloride	5.278	84	3850m	1.241	ug/l	
21) trans-1,2-Dichloroethene	5.801	96	2031	0.729	ug/l #	70
22) Diisopropyl ether	6.689	45	7294m	0.725	ug/l	
23) Vinyl Acetate	6.619	43	19864	3.336	ug/l	98
24) 1,1-Dichloroethane	6.583	63	4623m	0.838	ug/l	
25) 2-Butanone	7.501	43	9035	4.139	ug/l #	77
26) 2,2-Dichloropropane	7.507	77	3711m	0.933	ug/l	
27) cis-1,2-Dichloroethene	7.478	96	2438m	0.737	ug/l	
28) Bromochloromethane	7.830	49	2229	0.849	ug/l #	89
29) Tetrahydrofuran	7.848	42	5834	4.090	ug/l #	86
30) Chloroform	7.972	83	4078	0.740	ug/l	92
31) Cyclohexane	8.260	56	3352m	0.645	ug/l	
32) 1,1,1-Trichloroethane	8.166	97	3820	0.824	ug/l #	51
36) 1,1-Dichloropropene	8.377	75	3547	0.858	ug/l #	70
37) Ethyl Acetate	7.583	43	3531m	0.812	ug/l	
38) Carbon Tetrachloride	8.360	117	2929	0.702	ug/l	93
39) Methylcyclohexane	9.607	83	3477	0.740	ug/l #	71
40) Benzene	8.613	78	10297	0.811	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	1977	0.785	ug/l	94
42) 1,2-Dichloroethane	8.677	62	3873	0.875	ug/l	85
43) Isopropyl Acetate	8.695	43	5246	0.741	ug/l #	81
44) Trichloroethene	9.354	130	2240	0.747	ug/l	88
45) 1,2-Dichloropropane	9.624	63	2812	0.837	ug/l	91
46) Dibromomethane	9.724	93	1883	0.877	ug/l	90
47) Bromodichloromethane	9.895	83	3160	0.734	ug/l #	84
48) Methyl methacrylate	9.683	41	2602	0.775	ug/l #	83
49) 1,4-Dioxane	9.707	88	1093m	18.816	ug/l	
51) 4-Methyl-2-Pentanone	10.448	43	15538	3.451	ug/l	94
52) Toluene	10.630	92	5826	0.760	ug/l	88
53) t-1,3-Dichloropropene	10.842	75	2848	0.685	ug/l #	76
54) cis-1,3-Dichloropropene	10.324	75	3393	0.708	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	2595	0.833	ug/l #	66
56) Ethyl methacrylate	10.877	69	3093	0.705	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	4505	0.841	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.160	63	6494	3.233	ug/l	95
59) 2-Hexanone	11.201	43	12073	3.719	ug/l	86
60) Dibromochloromethane	11.360	129	2555	0.778	ug/l	91
61) 1,2-Dibromoethane	11.471	107	2571	0.824	ug/l	82
64) Tetrachloroethene	11.107	164	2212	0.920	ug/l #	56
65) Chlorobenzene	11.889	112	6326	0.782	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	2039	0.694	ug/l #	59
67) Ethyl Benzene	11.966	91	9927	0.721	ug/l #	86
68) m/p-Xylenes	12.077	106	6887	1.297	ug/l	96
69) o-Xylene	12.401	106	3898	0.753	ug/l	78
70) Styrene	12.413	104	5240	0.626	ug/l	91
71) Bromoform	12.583	173	1383	0.642	ug/l #	96
73) Isopropylbenzene	12.707	105	7419	0.699	ug/l	88
74) N-amyl acetate	12.501	43	3036	0.635	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.930	83	3721	0.969	ug/l	98
76) 1,2,3-Trichloropropane	13.001	75	2301m	0.786	ug/l	
77) Bromobenzene	12.983	156	2373	0.896	ug/l	92
78) n-propylbenzene	13.042	91	9566	0.768	ug/l	95
79) 2-Chlorotoluene	13.124	91	6132	0.804	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	6105	0.696	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	665m	0.662	ug/l	
82) 4-Chlorotoluene	13.124	91	6132	0.804	ug/l	98
83) tert-Butylbenzene	13.442	119	5575	0.703	ug/l	94
84) 1,2,4-Trimethylbenzene	13.489	105	5678	0.650	ug/l	91
85) sec-Butylbenzene	13.618	105	7098	0.641	ug/l	97
86) p-Isopropyltoluene	13.730	119	5132	0.580	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	3762	0.752	ug/l	89
88) 1,4-Dichlorobenzene	13.818	146	4622m	0.927	ug/l	
89) n-Butylbenzene	14.054	91	4858	0.631	ug/l	95
90) Hexachloroethane	14.342	117	1845	0.996	ug/l	77
91) 1,2-Dichlorobenzene	14.107	146	4077	0.794	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.718	75	561	0.754	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.377	180	1989	0.777	ug/l #	12
94) Hexachlorobutadiene	15.495	225	1076	0.858	ug/l #	66
95) Naphthalene	15.636	128	4798	0.618	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.842	180	1722	0.694	ug/l	94

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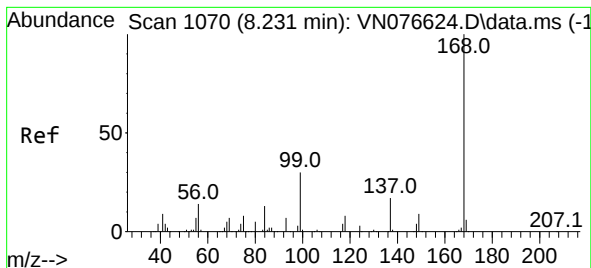
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.001 min

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ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:168 Resp: 23994

Ion Ratio Lower Upper

168 100

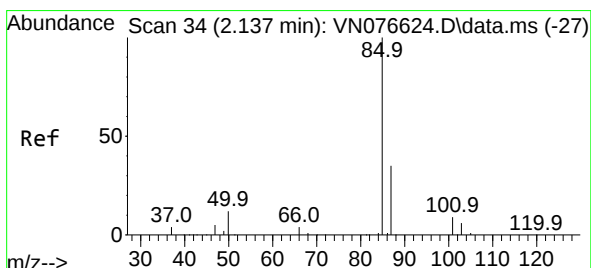
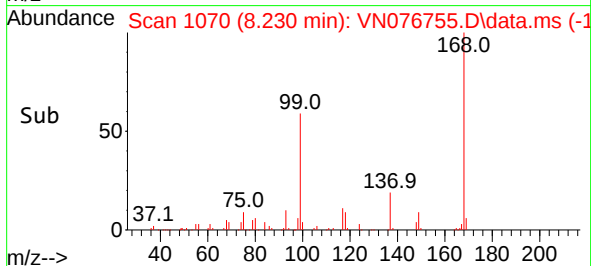
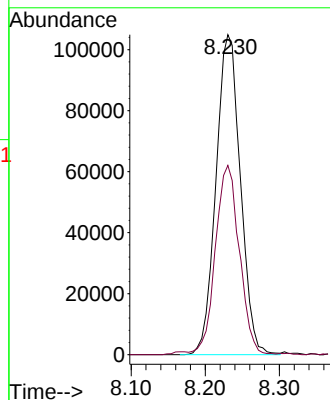
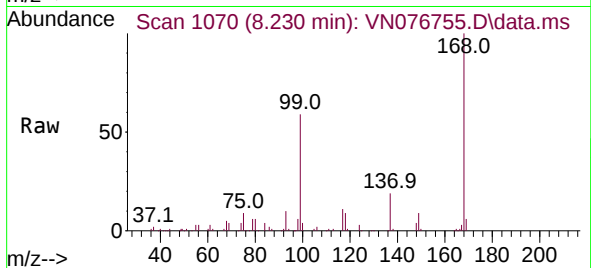
99 58.8 44.8 67.2

Manual Integrations

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Supervised By :Mahesh Dadoda 02/22/2023



#2

Dichlorodifluoromethane

Concen: 0.594 ug/l

RT: 2.143 min Scan# 35

Delta R.T. 0.006 min

Lab File: VN076755.D

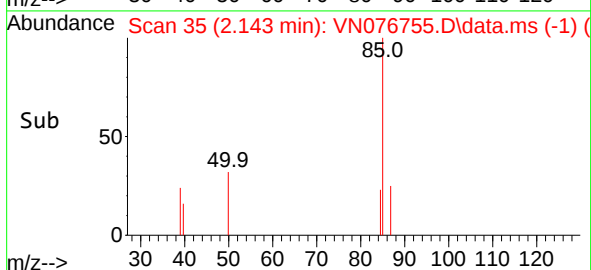
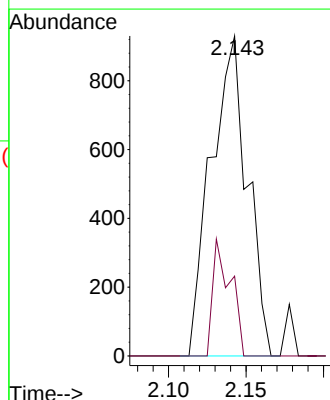
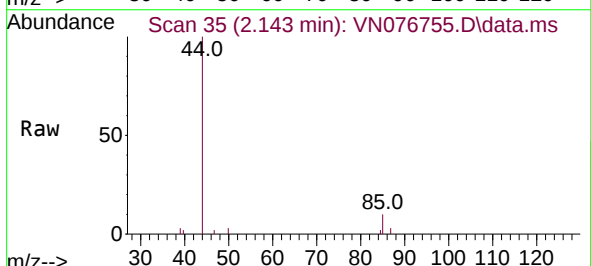
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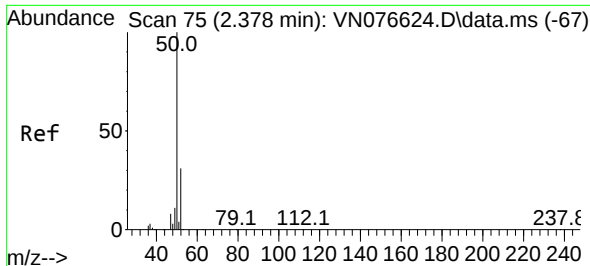
Tgt Ion: 85 Resp: 1513

Ion Ratio Lower Upper

85 100

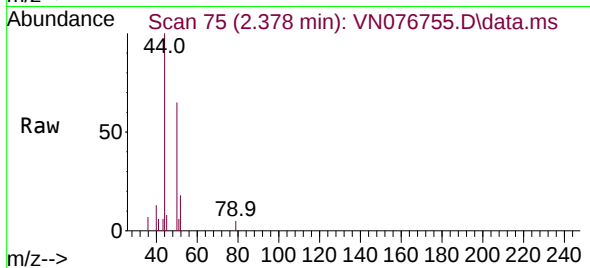
87 24.9 17.4 52.2





#3
Chloromethane
Concen: 0.898 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

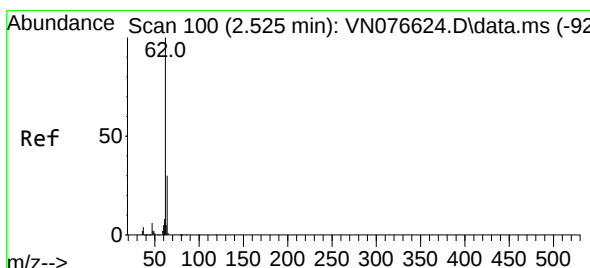
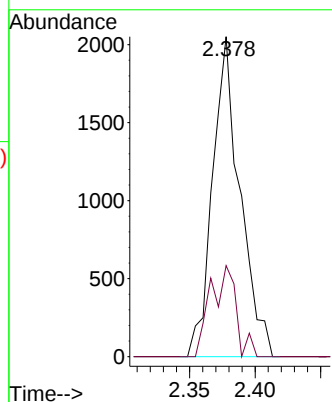
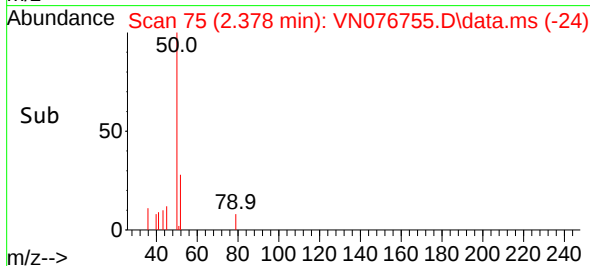
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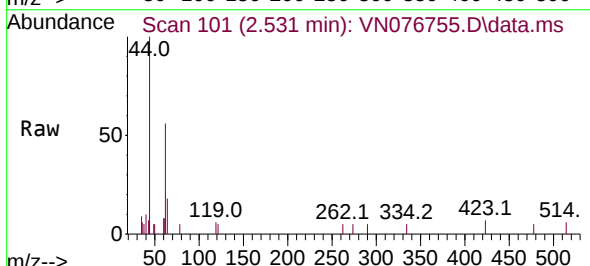
Tgt Ion: 50 Resp: 2985
Ion Ratio Lower Upper
50 100
52 28.4 24.7 37.1

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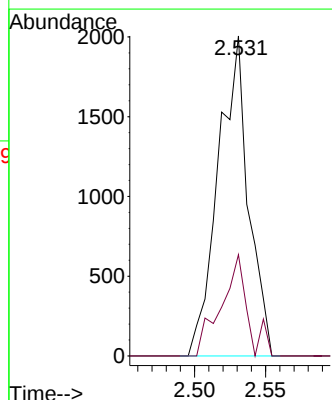
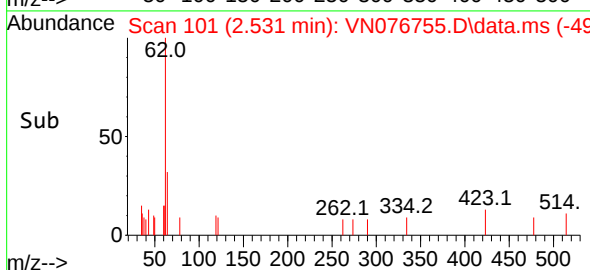
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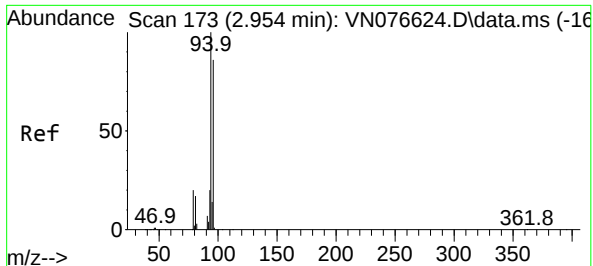


#4
Vinyl Chloride
Concen: 0.908 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



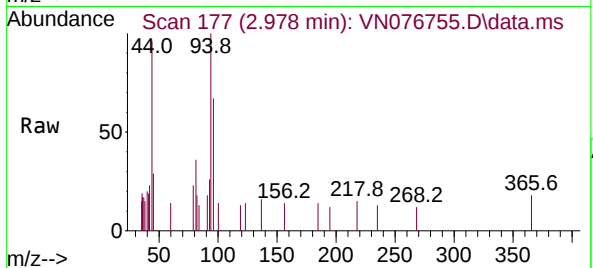
Tgt Ion: 62 Resp: 2971
Ion Ratio Lower Upper
62 100
64 31.7 23.9 35.9





#5
Bromomethane
Concen: 1.632 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

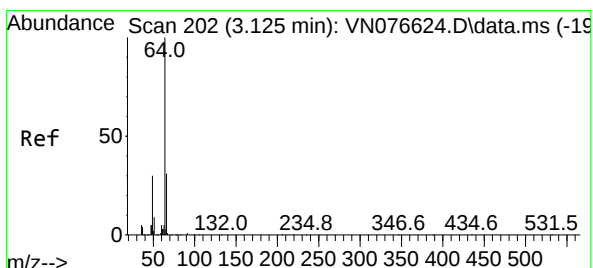
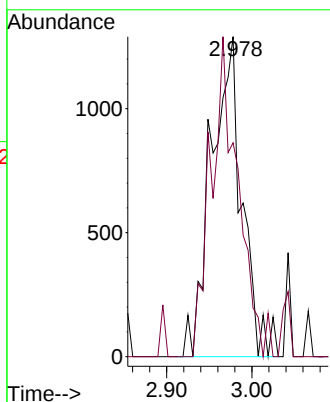
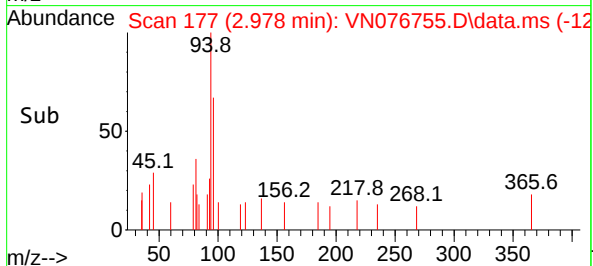
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Tgt Ion: 94 Resp: 3230
Ion Ratio Lower Upper
94 100
96 66.8 69.0 103.4

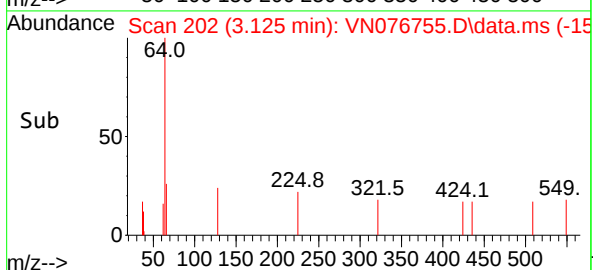
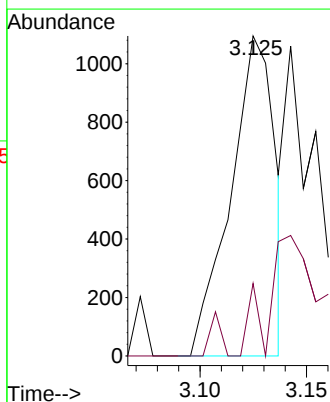
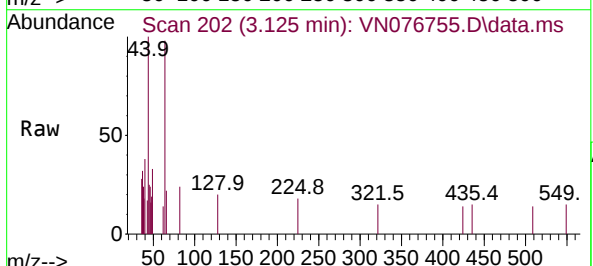
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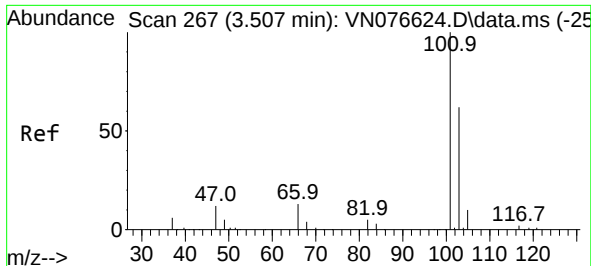
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#6
Chloroethane
Concen: 0.764 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

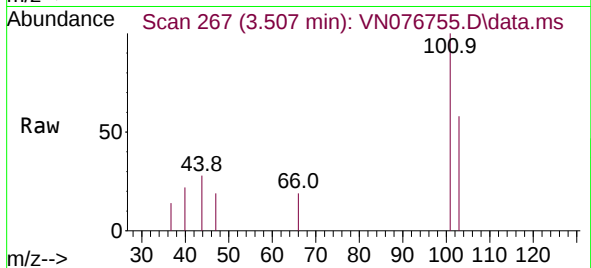
Tgt Ion: 64 Resp: 1579
Ion Ratio Lower Upper
64 100
66 22.6 24.6 37.0





#7
Trichlorofluoromethane
Concen: 0.742 ug/l
RT: 3.507 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

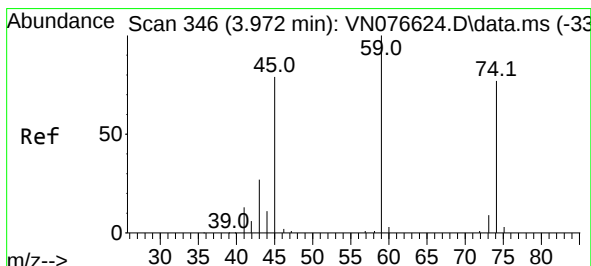
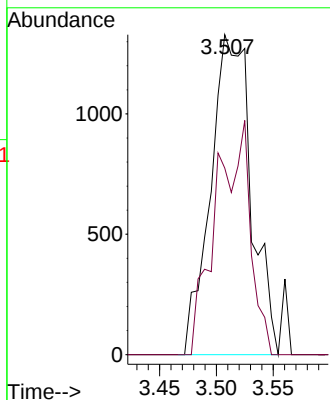
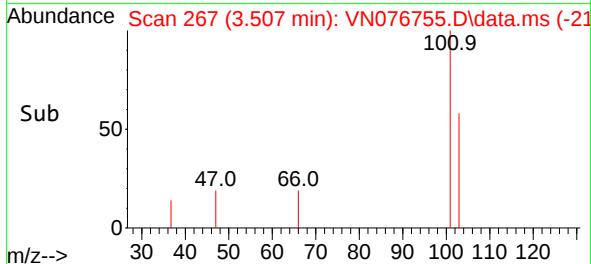
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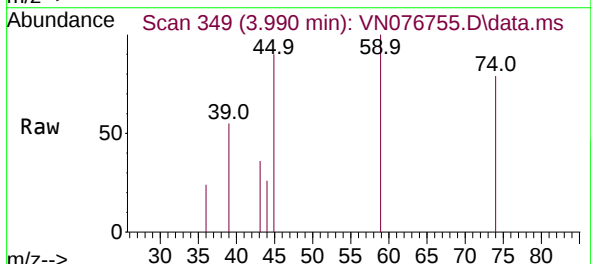
Tgt Ion:101 Resp: 330
Ion Ratio Lower Upper
101 100
103 58.3 49.4 74.2

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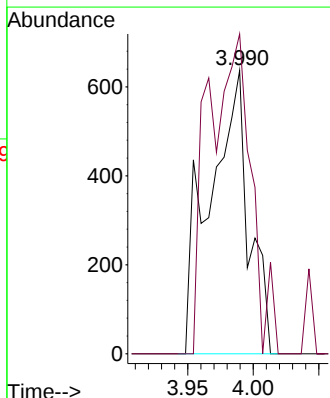
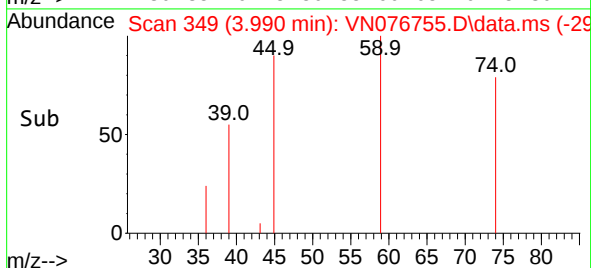
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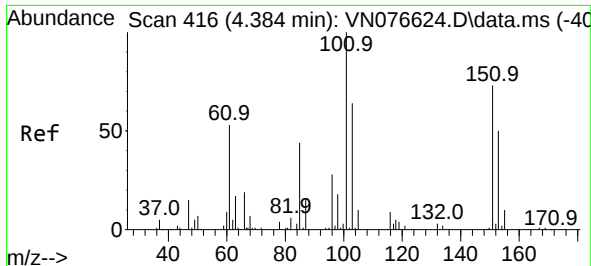


#8
Diethyl Ether
Concen: 0.770 ug/l
RT: 3.990 min Scan# 349
Delta R.T. 0.018 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion: 74 Resp: 1320
Ion Ratio Lower Upper
74 100
45 80.0 51.3 153.9





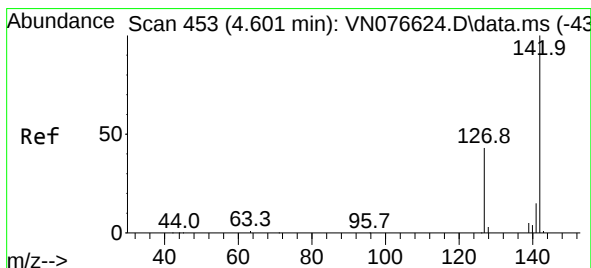
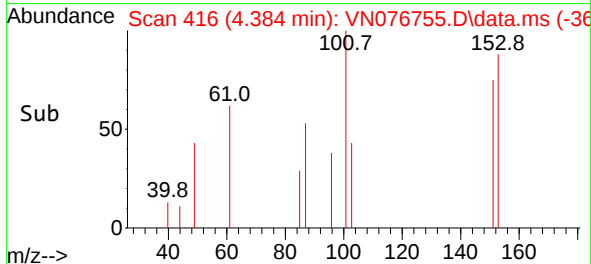
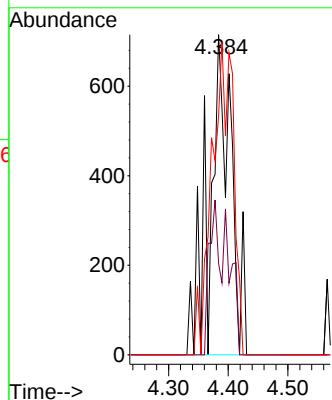
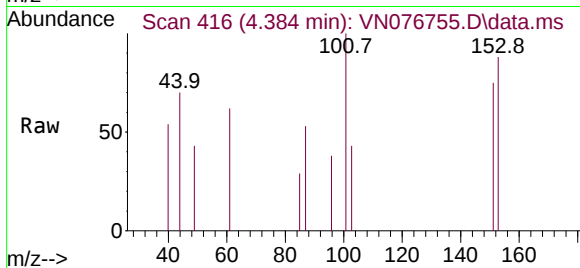
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.690 ug/l m
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion:101 Resp: 180
Ion Ratio Lower Upper
101 100
85 23.7 37.4 56.0
151 97.8 58.7 88.1

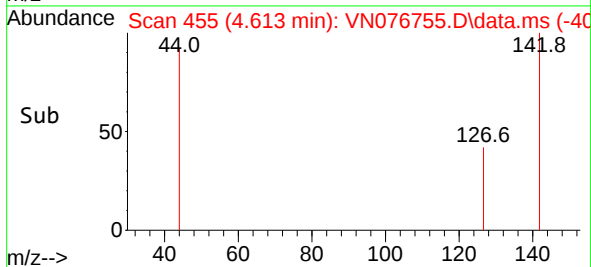
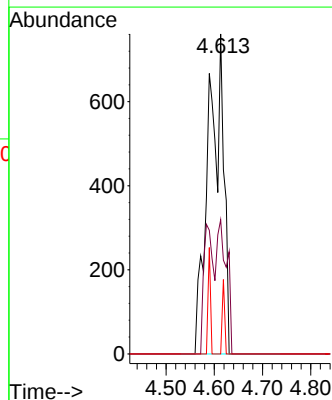
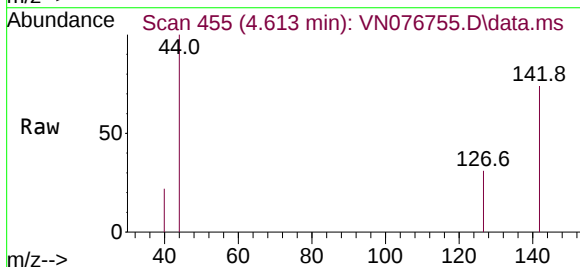
Manual Integrations
APPROVED

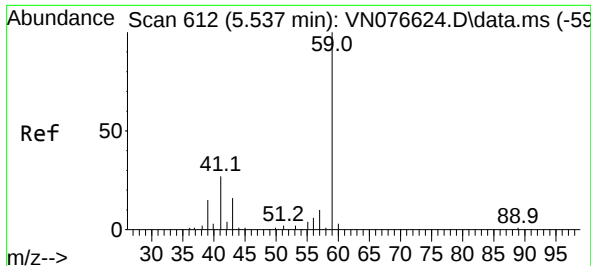
Reviewed By :John Carbone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 0.514 ug/l m
RT: 4.613 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

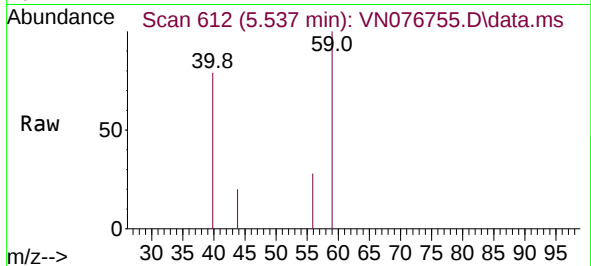
Tgt Ion:142 Resp: 1659
Ion Ratio Lower Upper
142 100
127 41.9 34.6 51.8
141 0.0 11.7 17.5#





#11
Tert butyl alcohol
Concen: 5.255 ug/l m
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

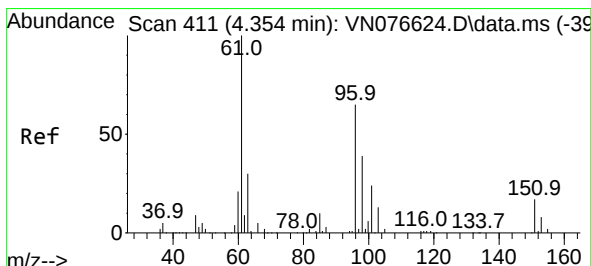
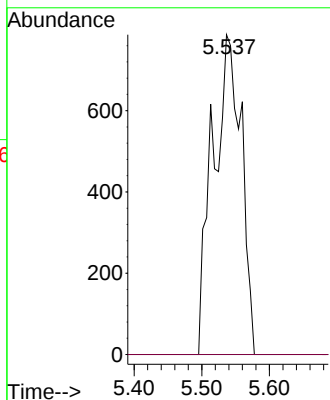
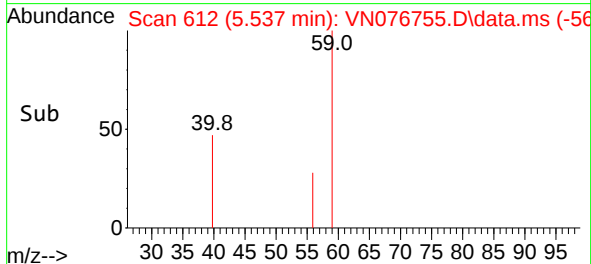
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



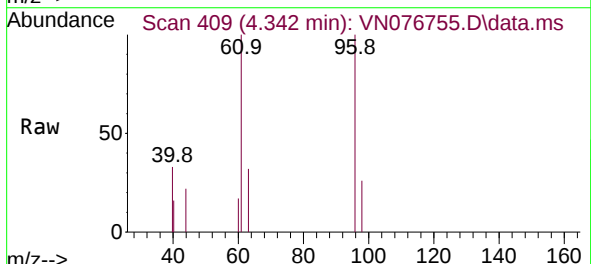
Tgt Ion: 59 Resp: 2298
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

Manual Integrations
APPROVED

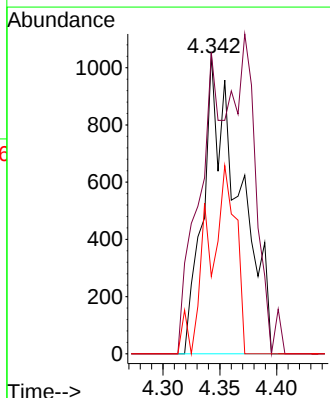
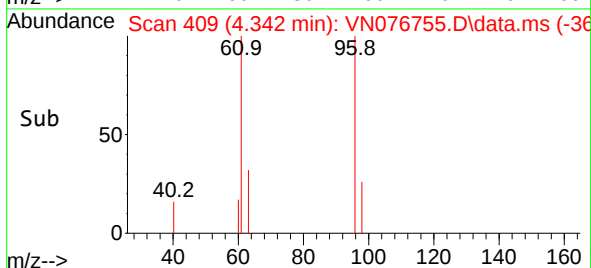
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

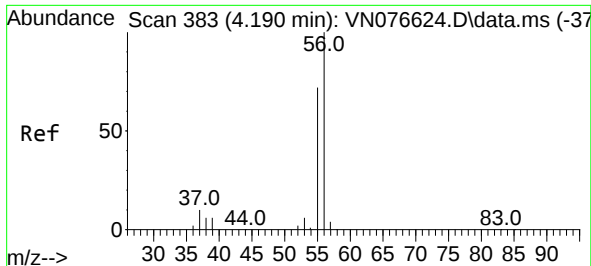


#12
1,1-Dichloroethene
Concen: 0.932 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



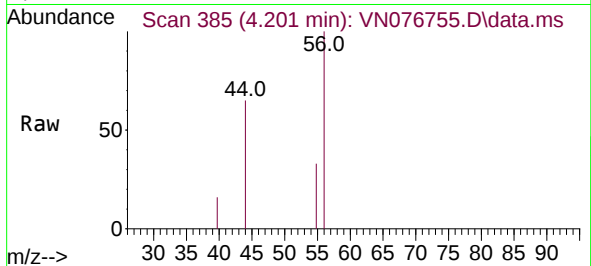
Tgt Ion: 96 Resp: 2307
Ion Ratio Lower Upper
96 100
61 100.4 123.8 185.6#
98 25.8 48.4 72.6#





#13
Acrolein
Concen: 3.760 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

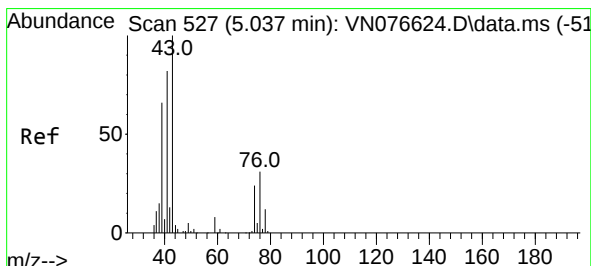
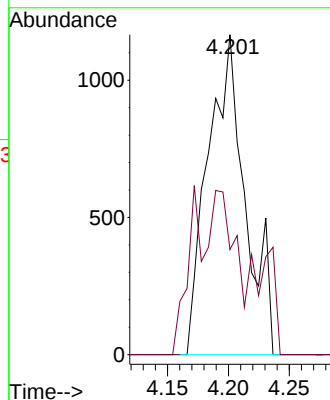
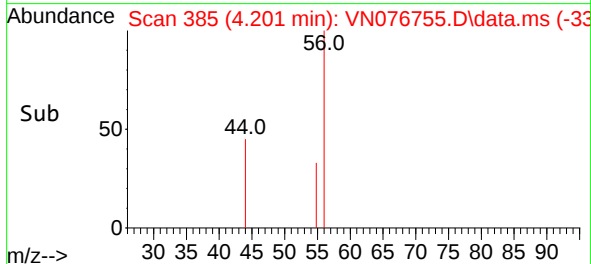
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 2469
Ion Ratio Lower Upper
56 100
55 21.6 56.3 84.5

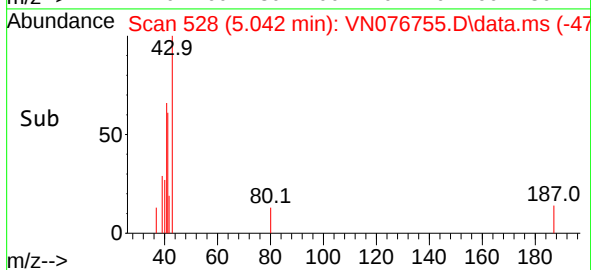
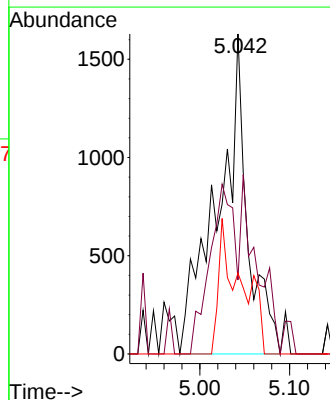
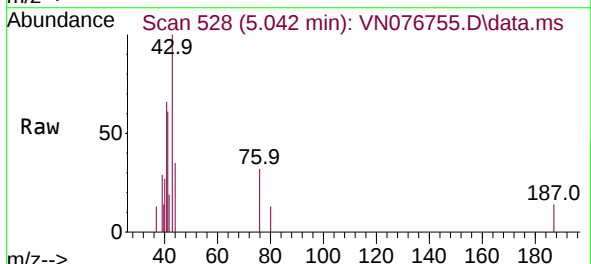
Manual Integrations
APPROVED

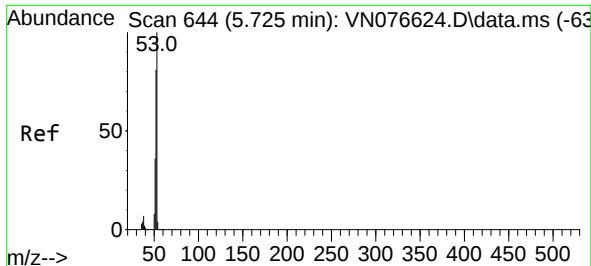
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#14
Allyl chloride
Concen: 0.877 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

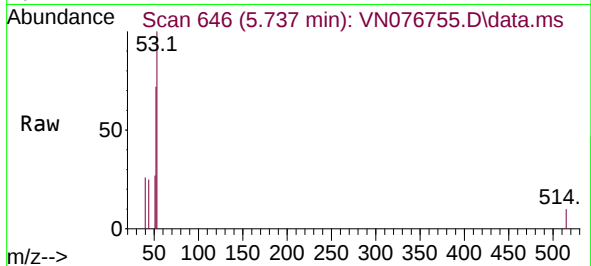
Tgt Ion: 41 Resp: 3763
Ion Ratio Lower Upper
41 100
39 44.5 62.3 93.5
76 31.6 27.0 40.6





#15
Acrylonitrile
Concen: 3.848 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

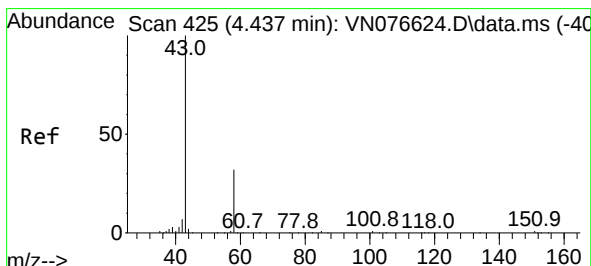
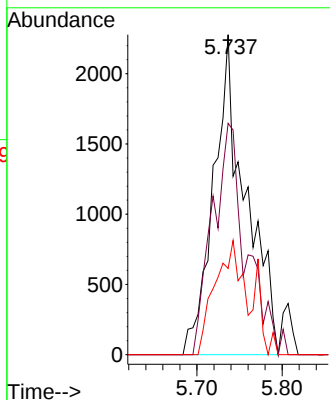
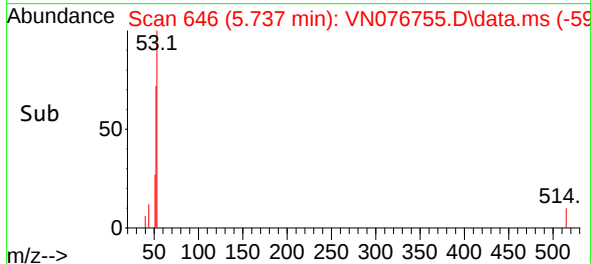
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 53 Resp: 5972
Ion Ratio Lower Upper
53 100
52 76.1 65.3 97.9
51 29.9 29.2 43.8

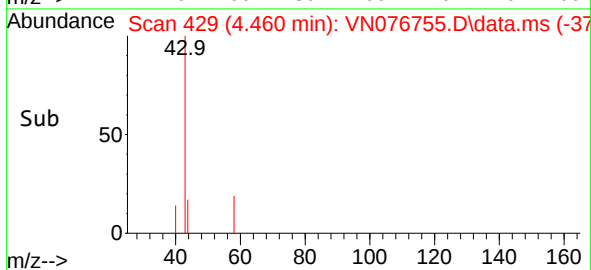
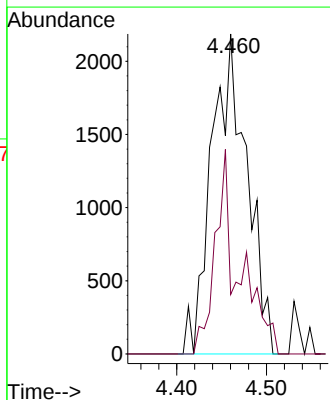
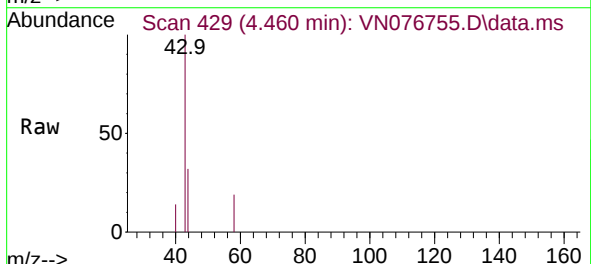
Manual Integrations
APPROVED

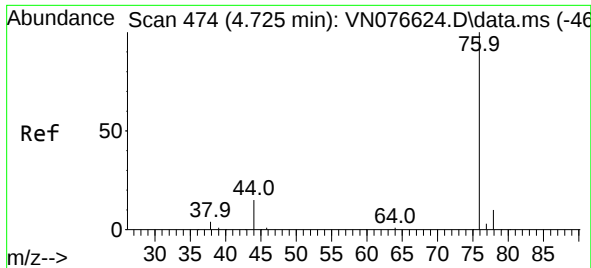
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 4.041 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

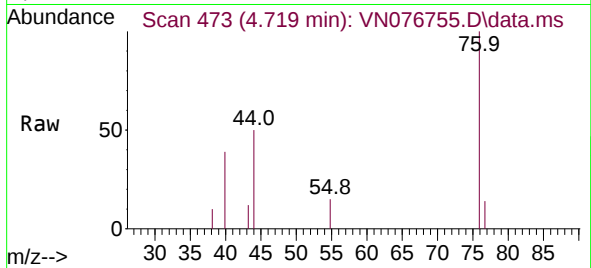
Tgt Ion: 43 Resp: 5980
Ion Ratio Lower Upper
43 100
58 18.6 25.9 38.9#





#17
Carbon Disulfide
Concen: 0.740 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

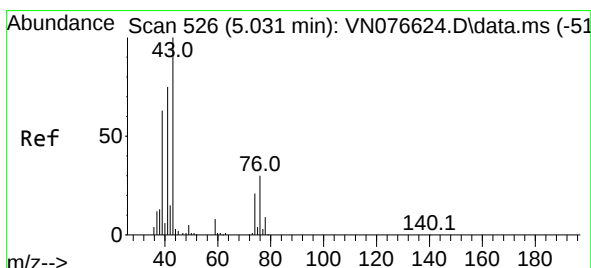
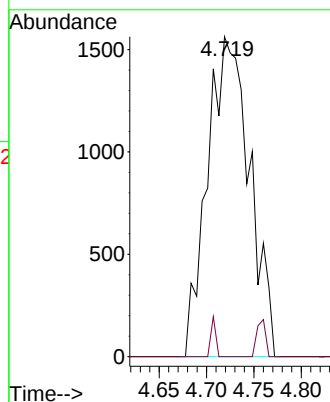
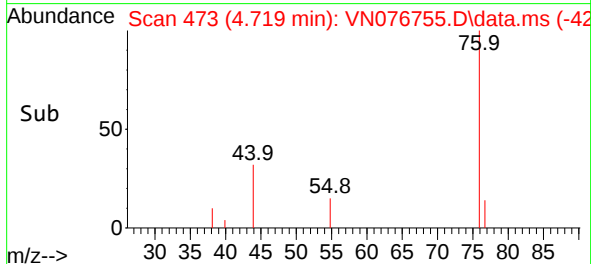
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 76 Resp: 4840
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8

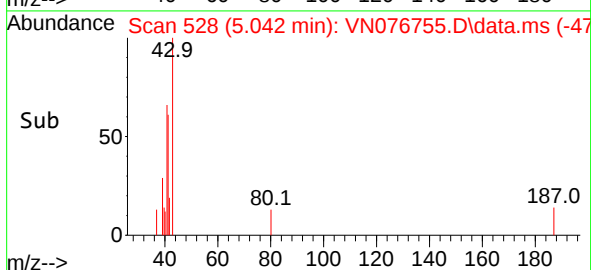
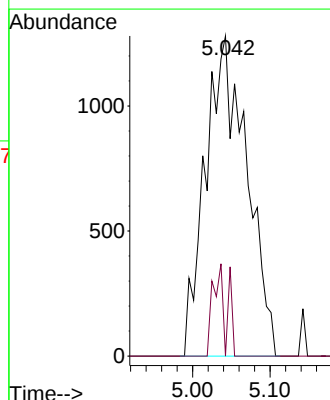
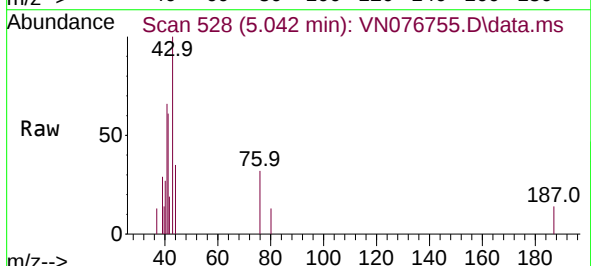
Manual Integrations
APPROVED

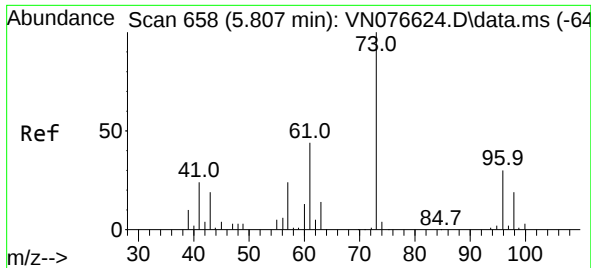
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 0.980 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 43 Resp: 4733
Ion Ratio Lower Upper
43 100
74 9.4 17.7 26.5





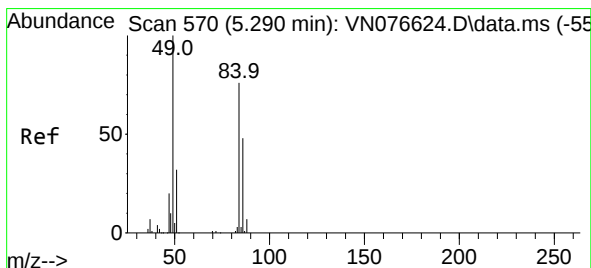
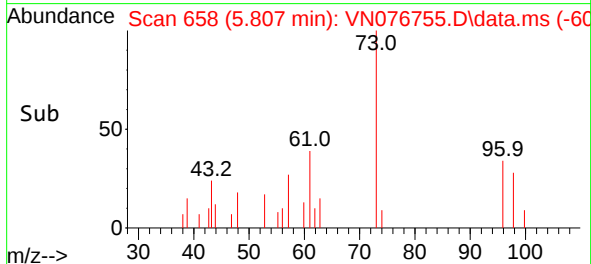
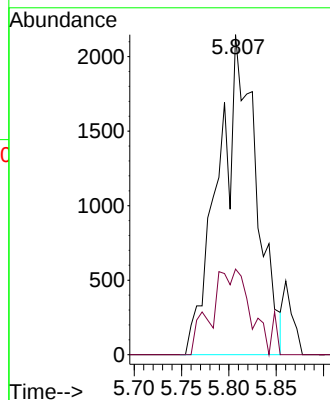
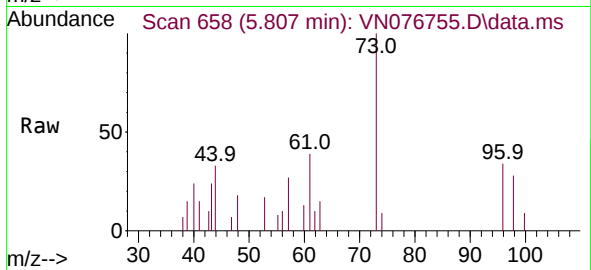
#19
Methyl tert-butyl Ether
Concen: 0.714 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion: 73 Resp: 596
Ion Ratio Lower Upper
73 100
57 26.8 19.0 28.4

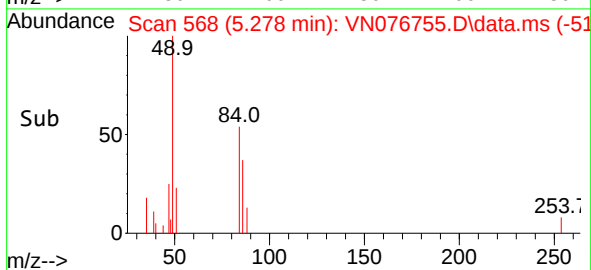
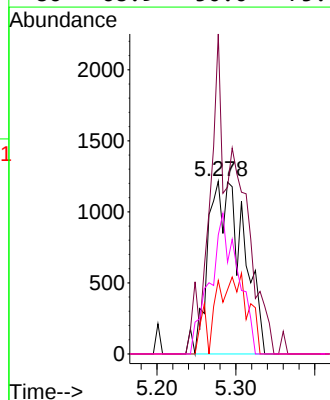
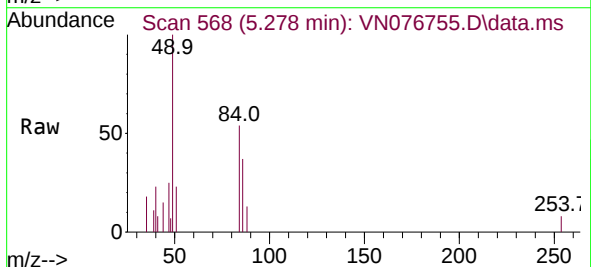
Manual Integrations
APPROVED

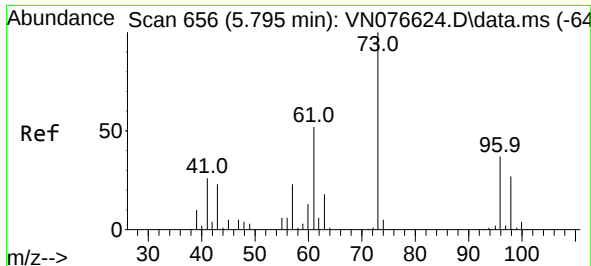
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 1.241 ug/l m
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

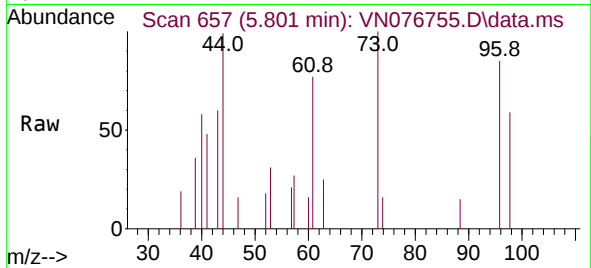
Tgt Ion: 84 Resp: 3850
Ion Ratio Lower Upper
84 100
49 185.3 104.9 157.3#
51 42.5 33.8 50.8
86 68.9 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 0.729 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

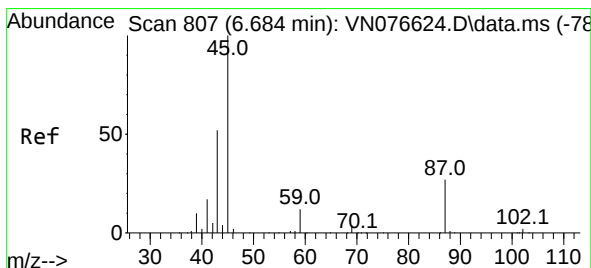
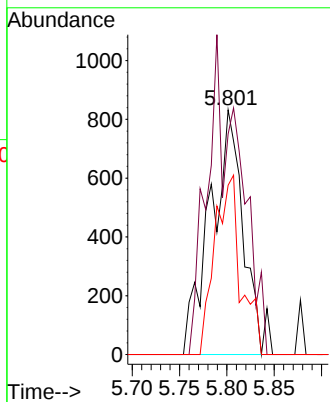
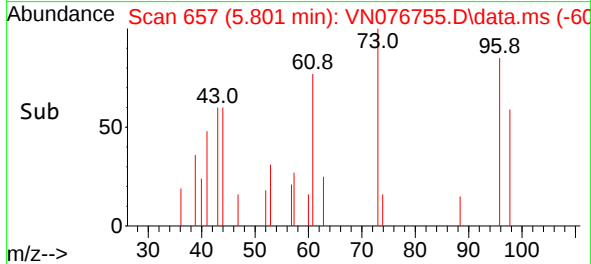
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



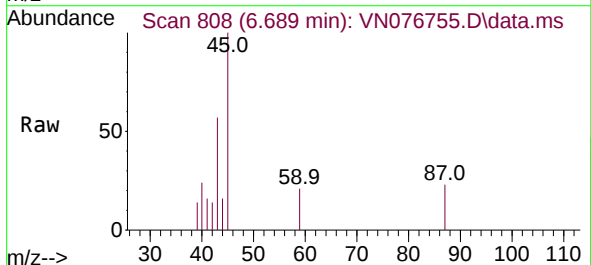
Tgt Ion: 96 Resp: 203
Ion Ratio Lower Upper
96 100
61 90.1 113.9 170.9
98 69.2 59.4 89.0

Manual Integrations
APPROVED

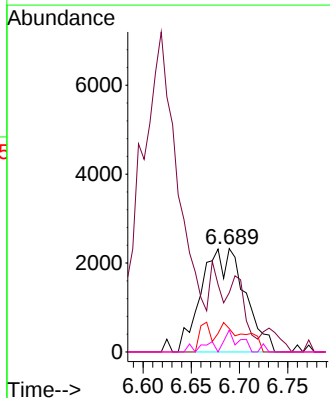
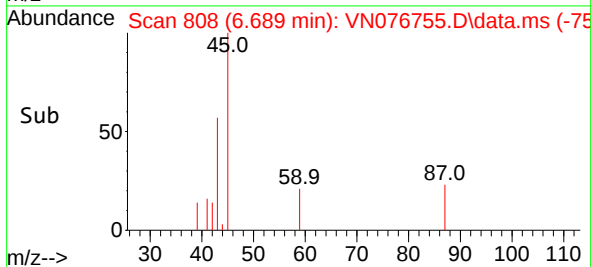
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

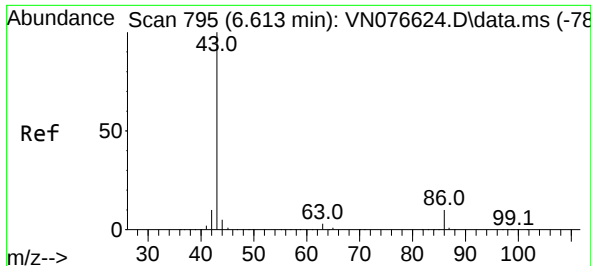


#22
Diisopropyl ether
Concen: 0.725 ug/l m
RT: 6.689 min Scan# 808
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion: 45 Resp: 7294
Ion Ratio Lower Upper
45 100
43 57.3 41.8 62.6
87 22.7 21.8 32.8
59 21.2 9.3 13.9#





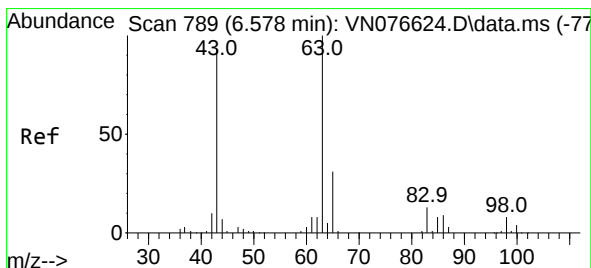
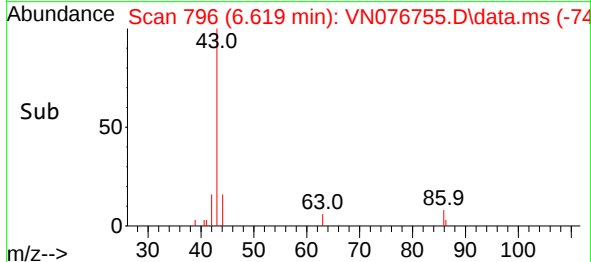
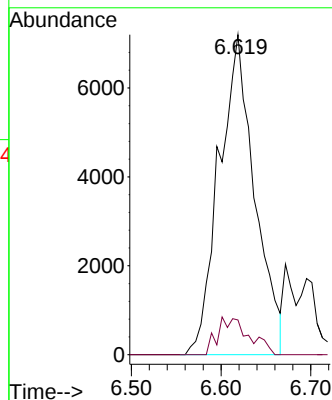
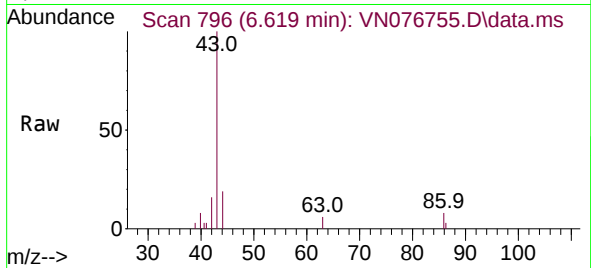
#23
 Vinyl Acetate
 Concen: 3.336 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

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

Tgt Ion: 43 Resp: 1986
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2

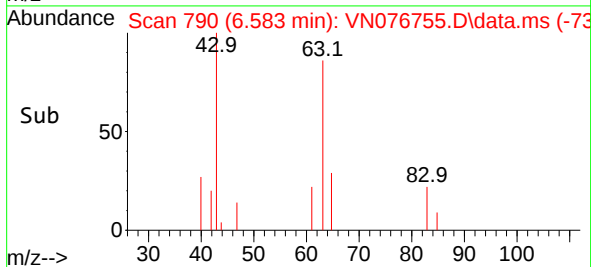
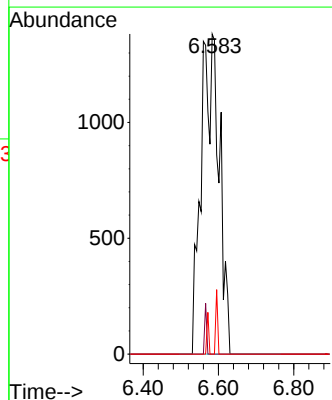
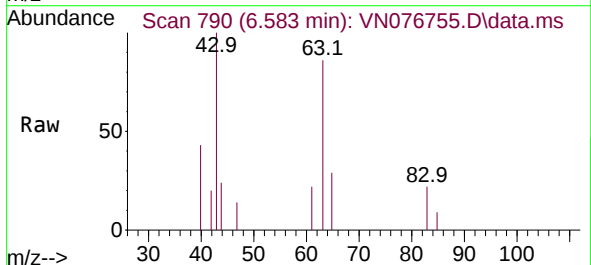
Manual Integrations
 APPROVED

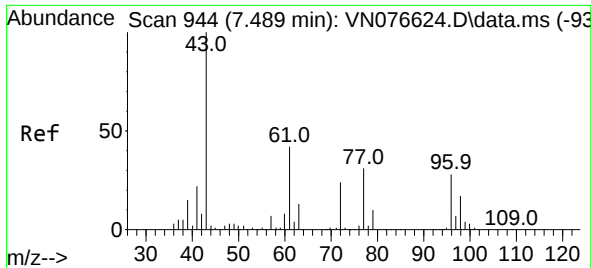
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 0.838 ug/l m
 RT: 6.583 min Scan# 790
 Delta R.T. 0.005 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

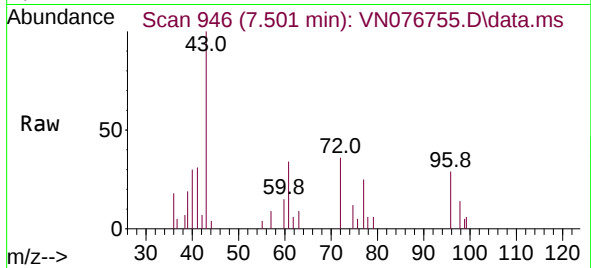
Tgt Ion: 63 Resp: 4623
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 4.139 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

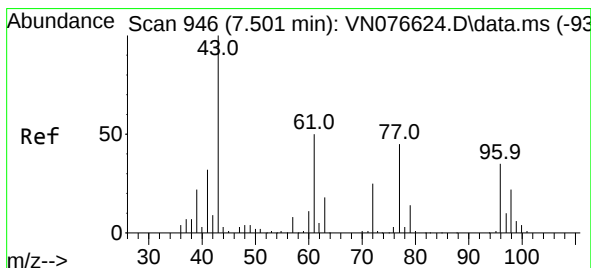
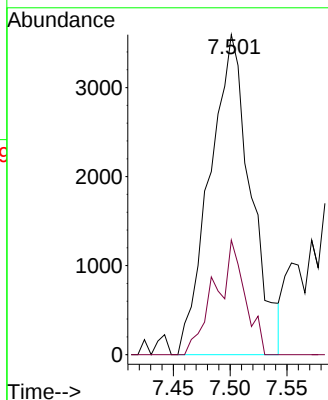
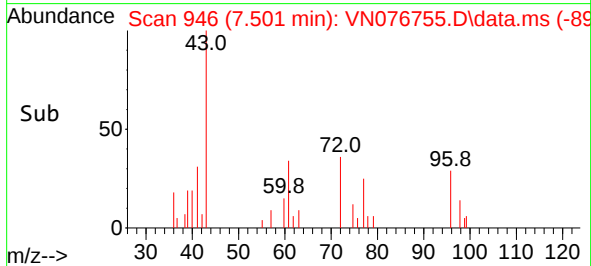
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
72 35.8 19.4 29.2

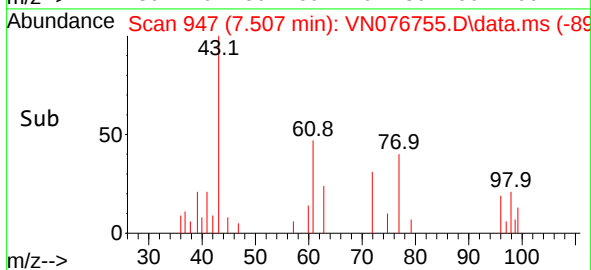
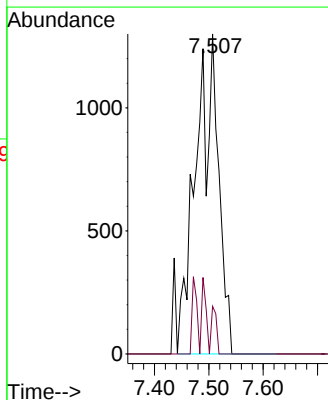
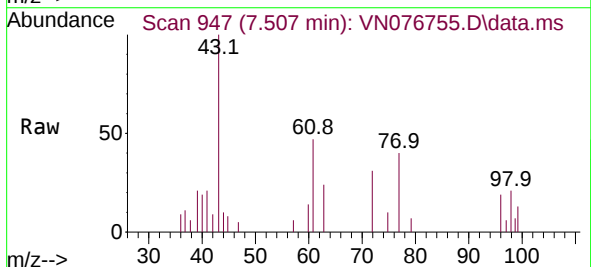
Manual Integrations
APPROVED

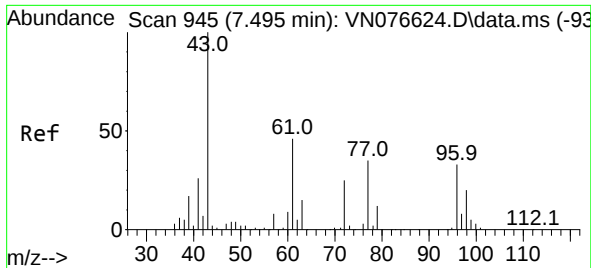
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 0.933 ug/l m
RT: 7.507 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

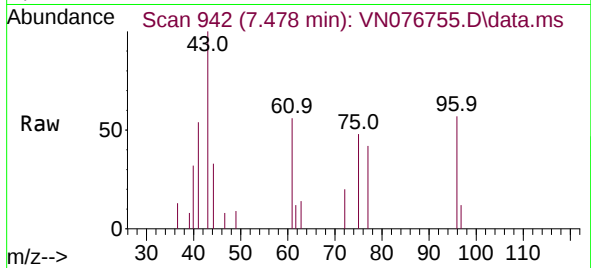
Tgt Ion: 77 Resp: 3711
Ion Ratio Lower Upper
77 100
97 3.4 11.9 35.7#





#27
cis-1,2-Dichloroethene
Concen: 0.737 ug/l m
RT: 7.478 min Scan# 945
Delta R.T. -0.017 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

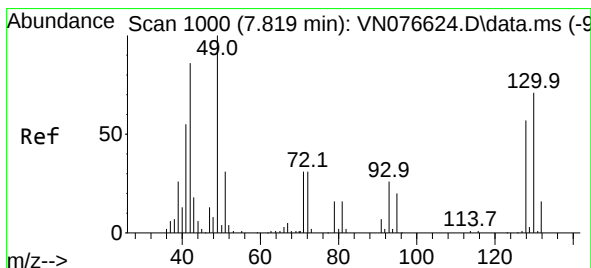
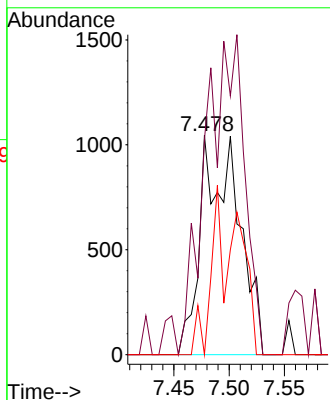
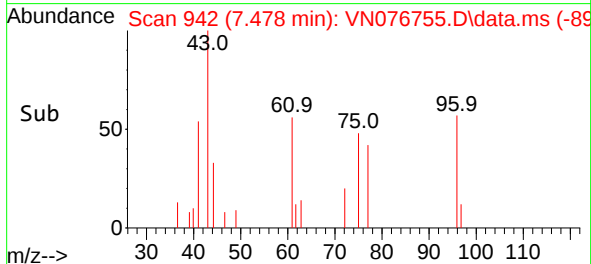
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 96 Resp: 2438
Ion Ratio Lower Upper
96 100
61 69.2 0.0 286.8
98 24.0 0.0 124.0

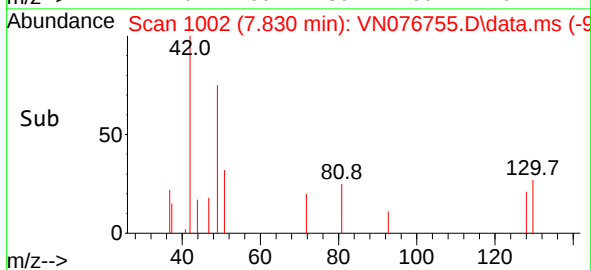
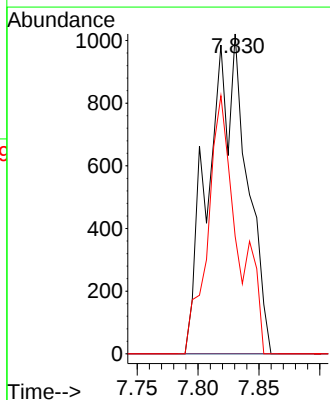
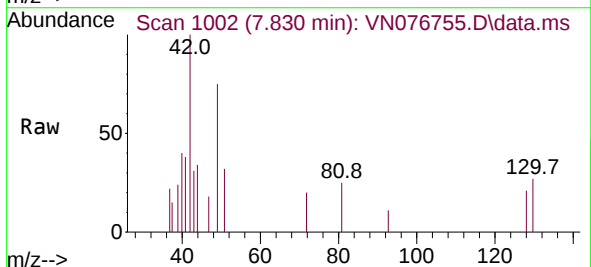
Manual Integrations
APPROVED

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



#28
Bromochloromethane
Concen: 0.849 ug/l
RT: 7.830 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 49 Resp: 2229
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 63.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 4.090 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076755.D

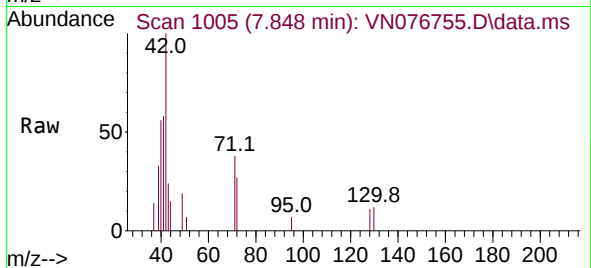
Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



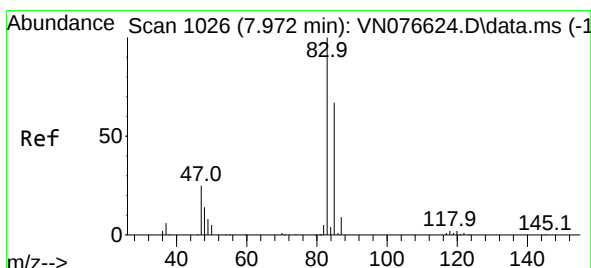
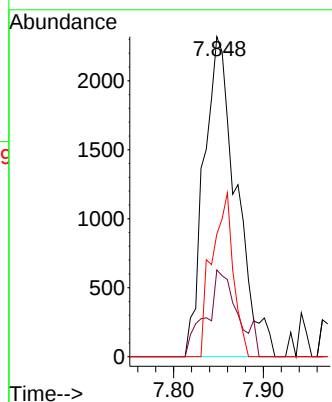
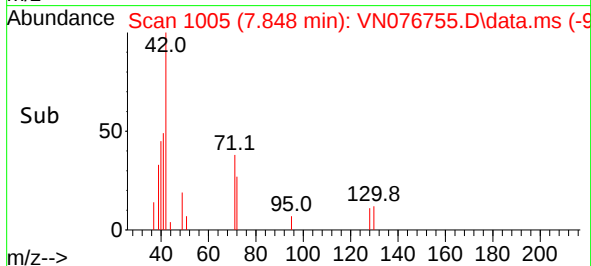
Tgt Ion:	42	Resp:	5834
Ion Ratio	Lower	Upper	
42	100		
72	26.1	31.5	47.3
71	33.8	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 0.740 ug/l

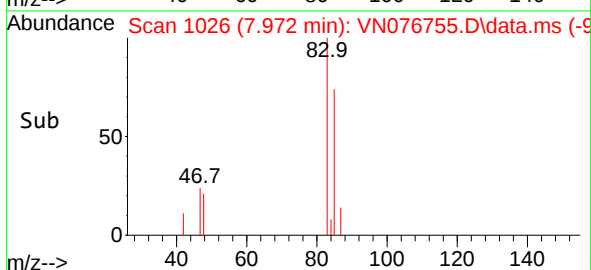
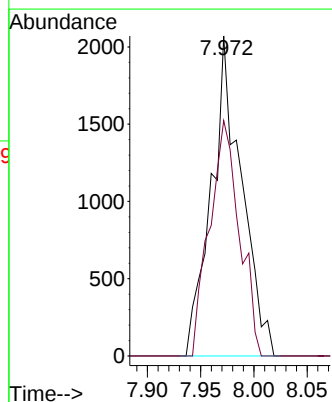
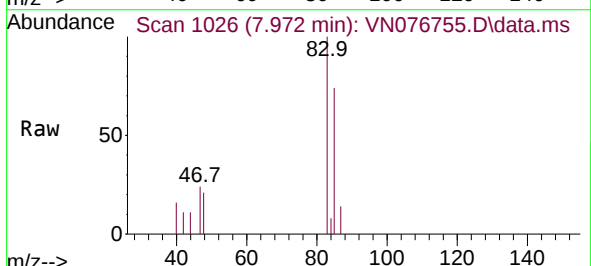
RT: 7.972 min Scan# 1026

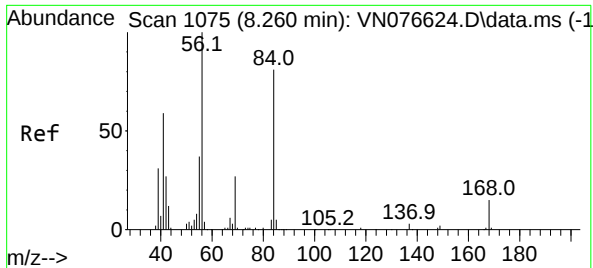
Delta R.T. -0.000 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

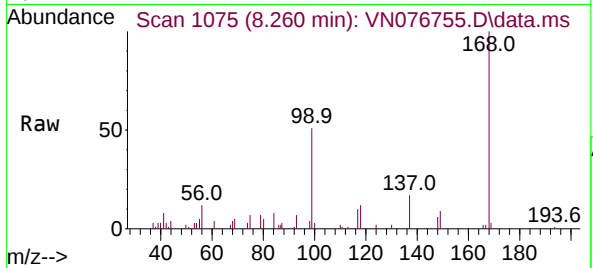
Tgt Ion:	83	Resp:	4078
Ion Ratio	Lower	Upper	
83	100		
85	73.5	53.5	80.3





#31
Cyclohexane
Concen: 0.645 ug/l m
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

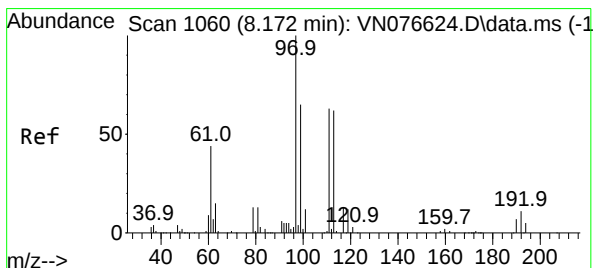
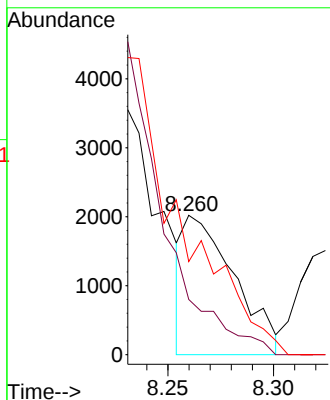
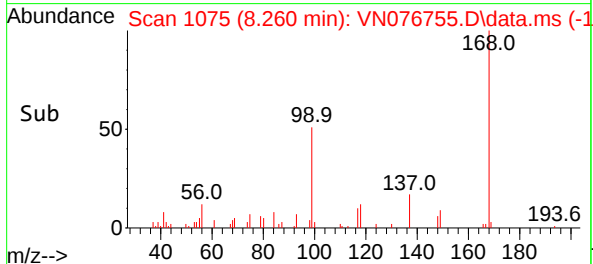
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



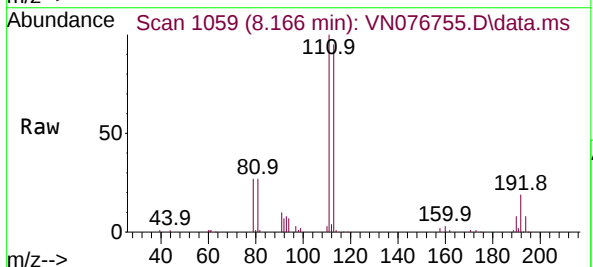
Tgt Ion: 56 Resp: 3352
Ion Ratio Lower Upper
56 100
69 39.6 21.6 32.4
84 66.8 65.1 97.7

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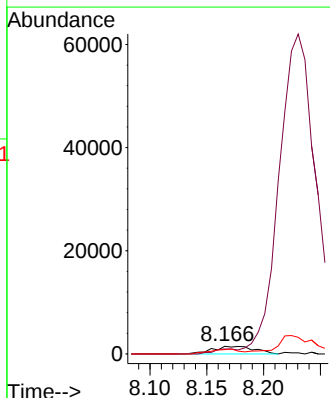
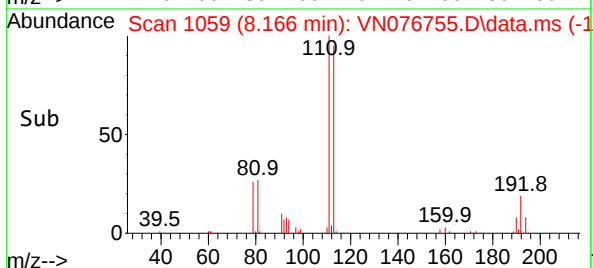
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

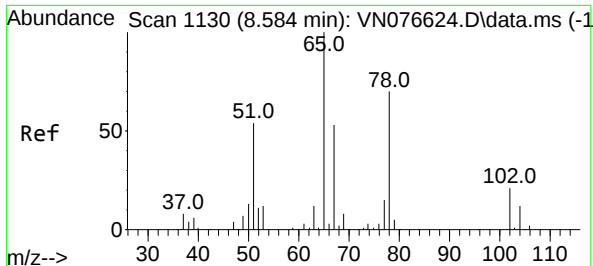


#32
1,1,1-Trichloroethane
Concen: 0.824 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion: 97 Resp: 3820
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 43.8 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 57.581 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 190780

Ion Ratio Lower Upper

65 100

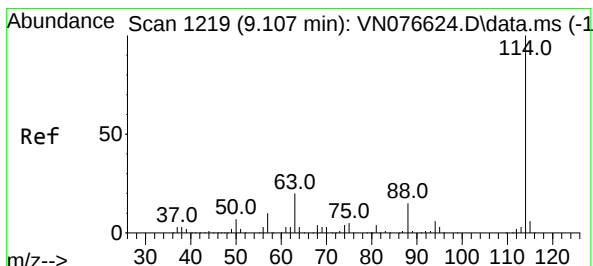
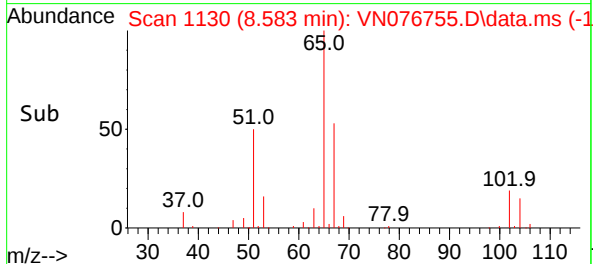
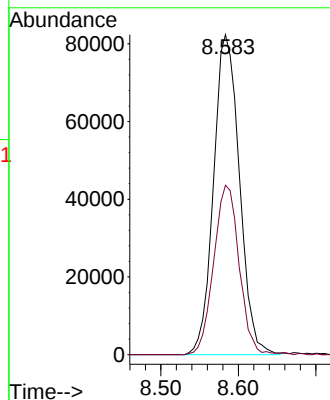
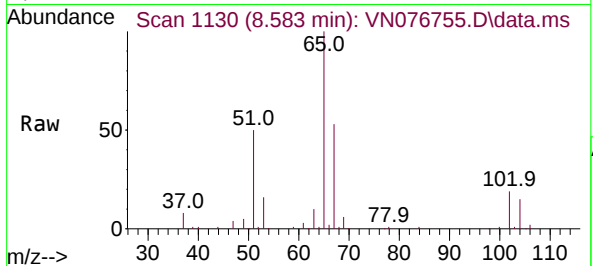
67 52.0 0.0 105.6

Manual Integrations

APPROVED

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: VN076755.D

Acq: 21 Feb 2023 17:13

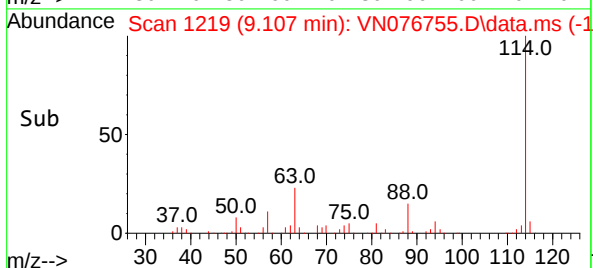
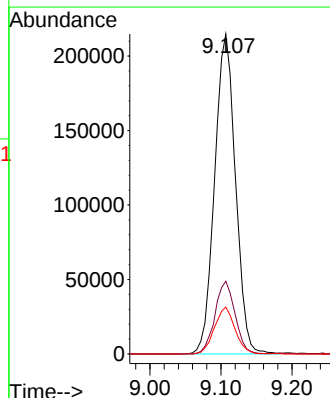
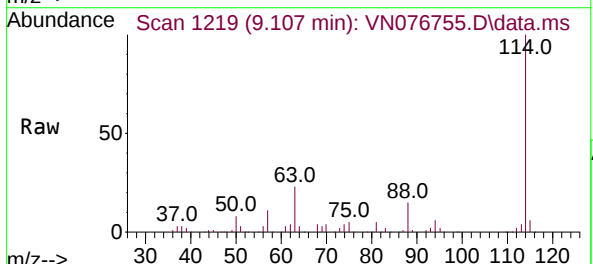
Tgt Ion:114 Resp: 436856

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.518 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 113 Resp: 144520

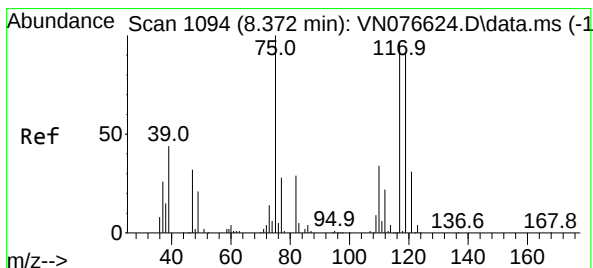
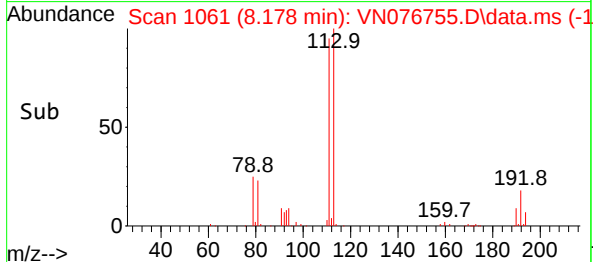
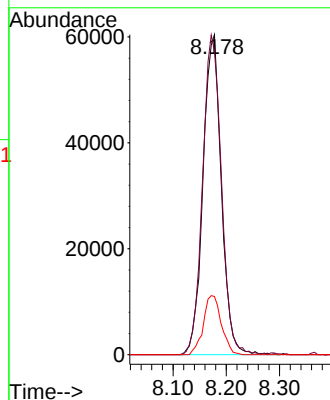
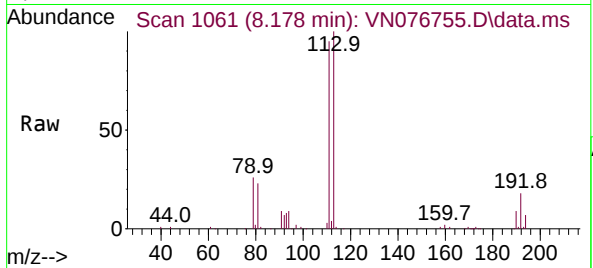
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.1	124.7
192	18.1	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#36

1,1-Dichloropropene

Concen: 0.858 ug/l

RT: 8.377 min Scan# 1095

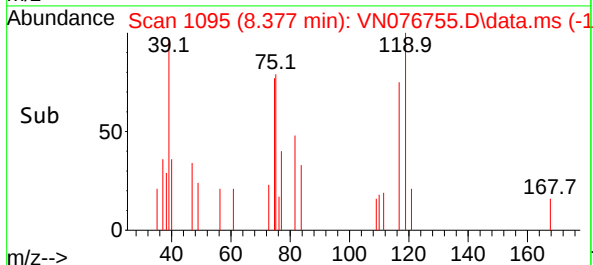
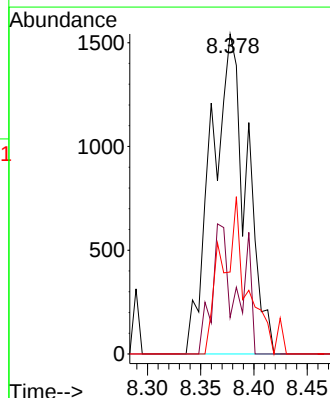
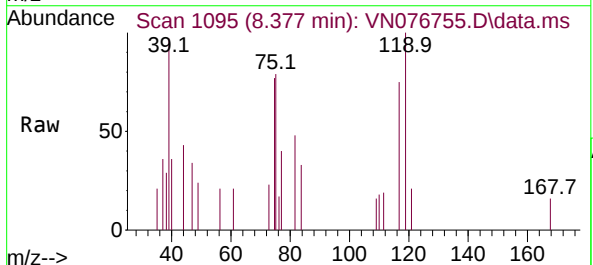
Delta R.T. 0.005 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Tgt Ion: 75 Resp: 3547

Ion	Ratio	Lower	Upper
75	100		
110	5.8	17.5	52.5
77	34.2	24.5	36.7





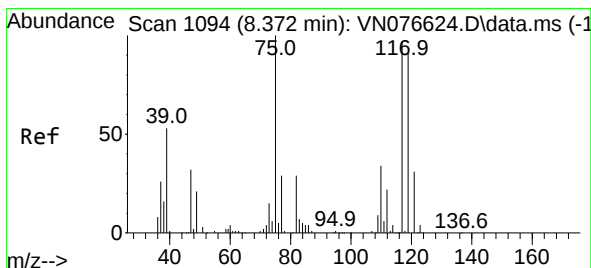
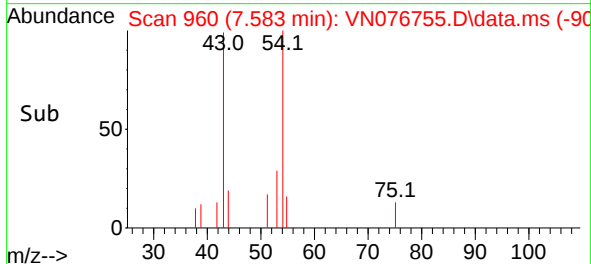
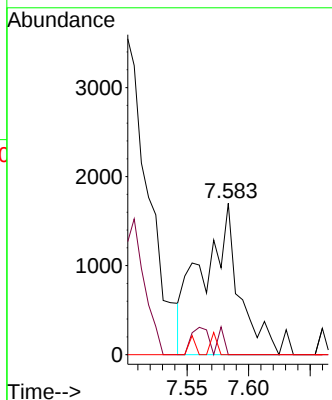
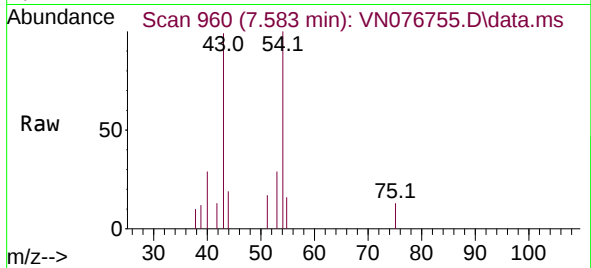
#37
Ethyl Acetate
Concen: 0.812 ug/l m
RT: 7.583 min Scan# 90
Delta R.T. 0.017 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
61 11.4 9.9 14.9
70 2.5 7.8 11.6

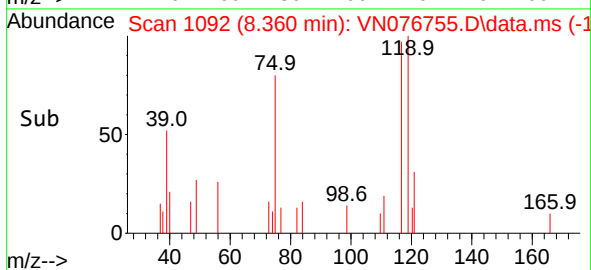
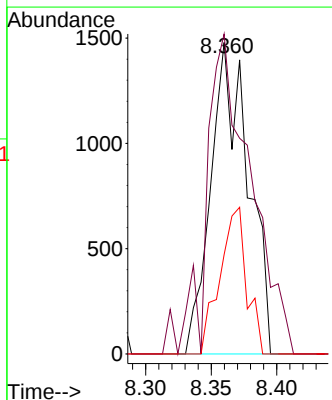
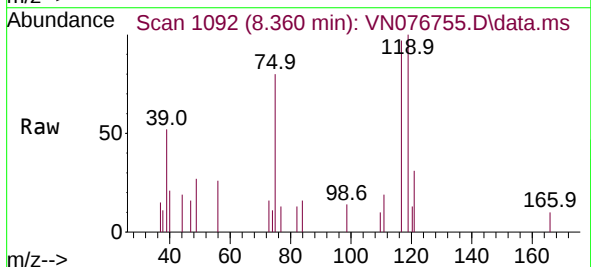
Manual Integrations
APPROVED

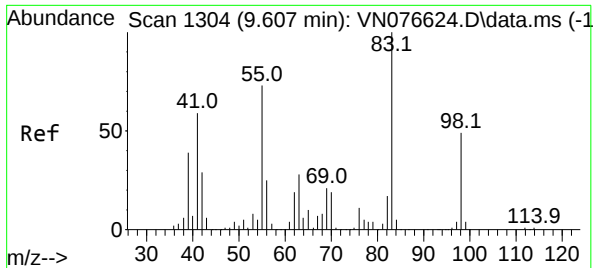
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#38
Carbon Tetrachloride
Concen: 0.702 ug/l
RT: 8.360 min Scan# 1092
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:117 Resp: 2929
Ion Ratio Lower Upper
117 100
119 102.7 75.4 113.0
121 31.9 26.0 39.0





#39

Methylcyclohexane

Concen: 0.740 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 347

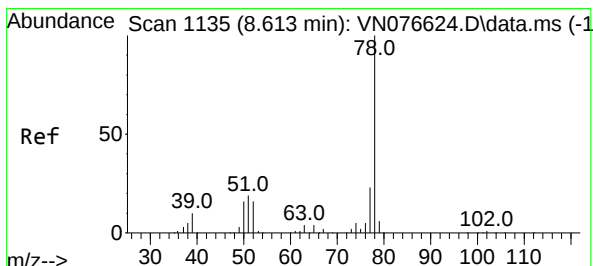
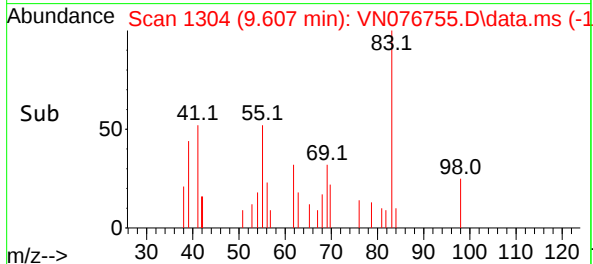
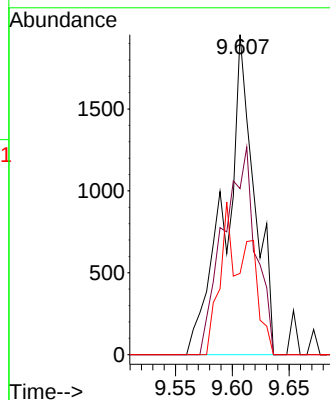
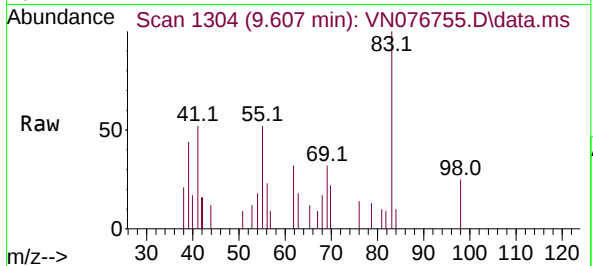
Ion	Ratio	Lower	Upper
83	100		
55	51.9	58.6	88.0
98	25.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 0.811 ug/l

RT: 8.613 min Scan# 1135

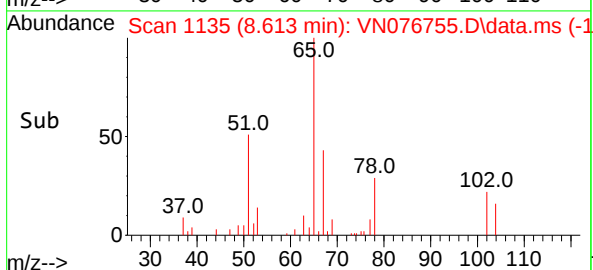
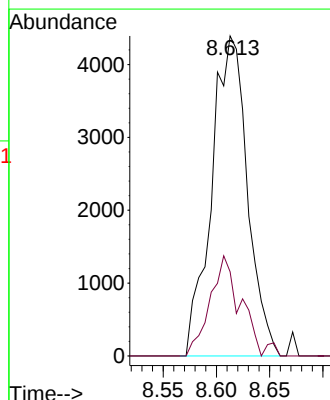
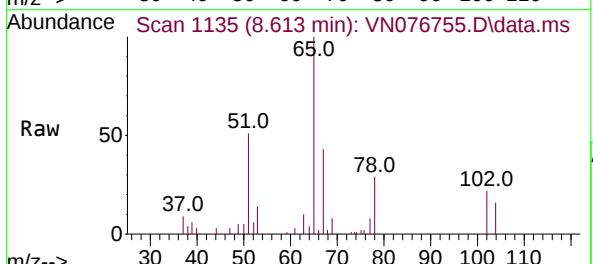
Delta R.T. -0.000 min

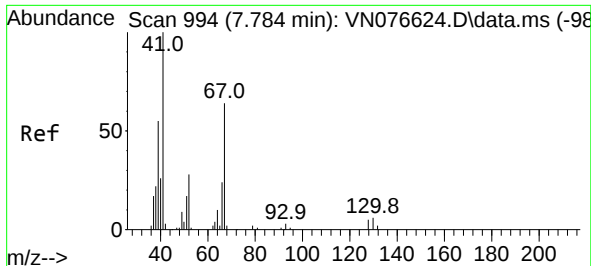
Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Tgt Ion: 78 Resp: 10297

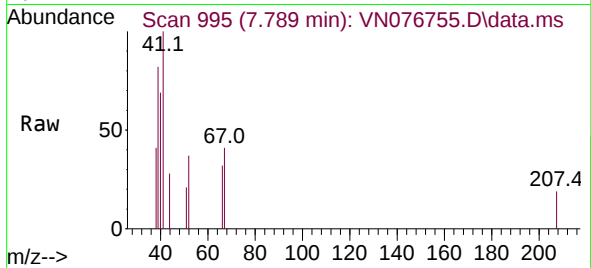
Ion	Ratio	Lower	Upper
78	100		
77	26.3	18.2	27.4





#41
Methacrylonitrile
Concen: 0.785 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

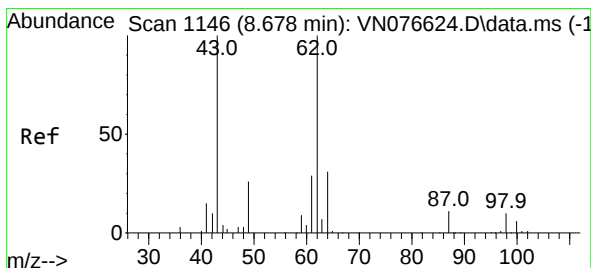
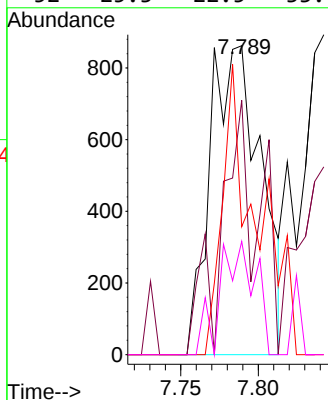
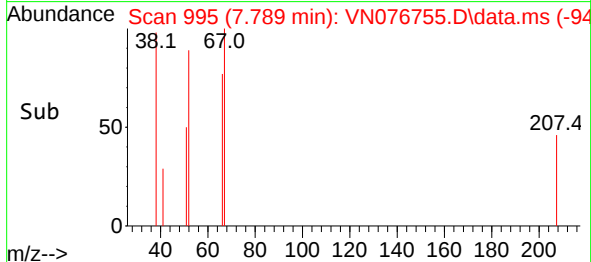
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 197
Ion Ratio Lower Upper
41 100
39 60.9 42.6 63.8
67 63.2 51.4 77.0
52 25.3 22.5 33.7

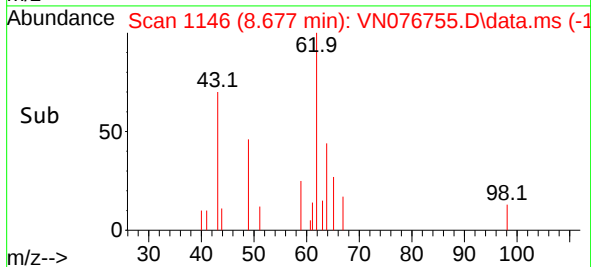
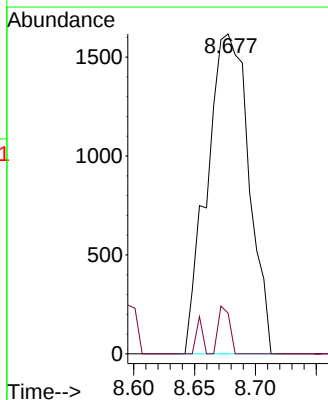
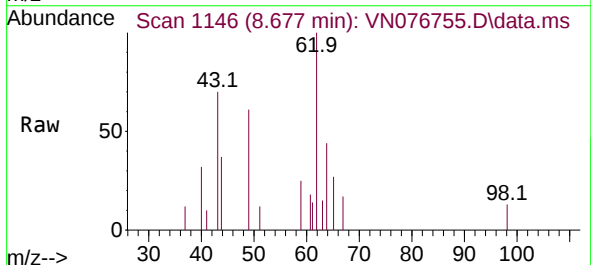
Manual Integrations
APPROVED

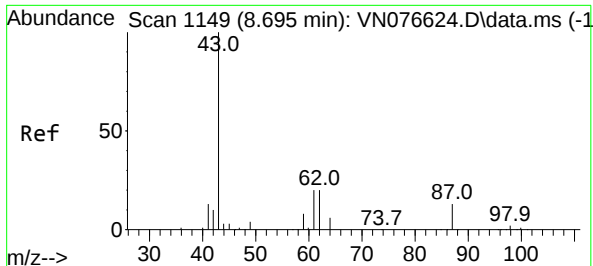
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 0.875 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 62 Resp: 3873
Ion Ratio Lower Upper
62 100
98 4.1 0.0 19.2





#43

Isopropyl Acetate

Concen: 0.741 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

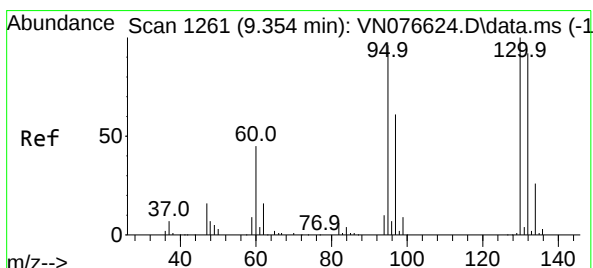
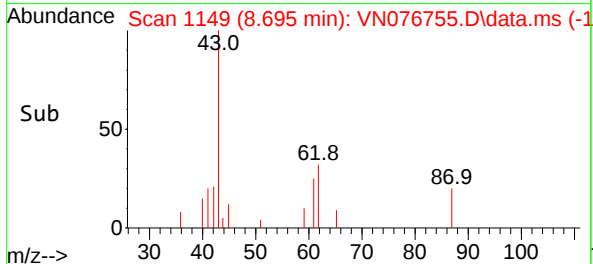
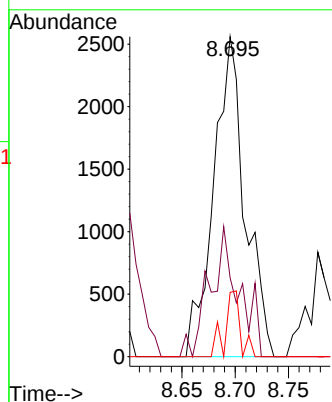
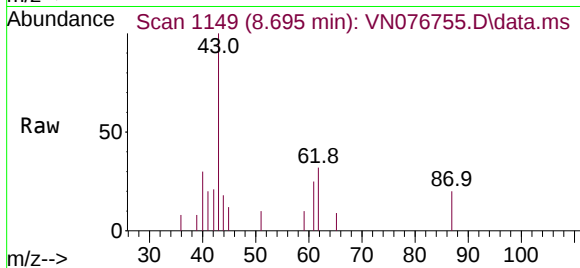
Tgt Ion: 43	Resp: 5240
Ion Ratio	Lower Upper
43 100	
61 37.8	20.0 30.0
87 10.0	9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#44

Trichloroethene

Concen: 0.747 ug/l

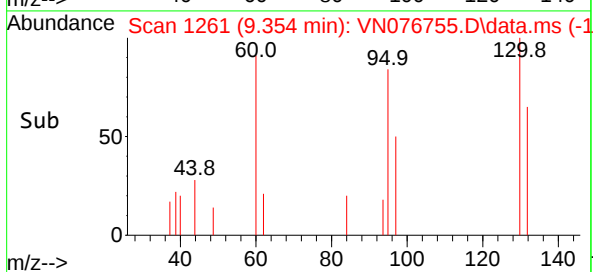
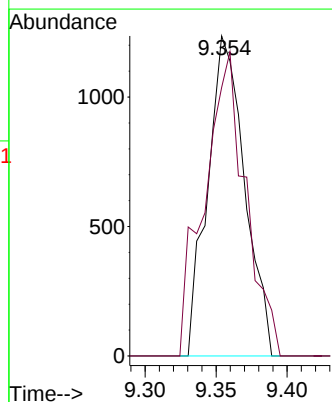
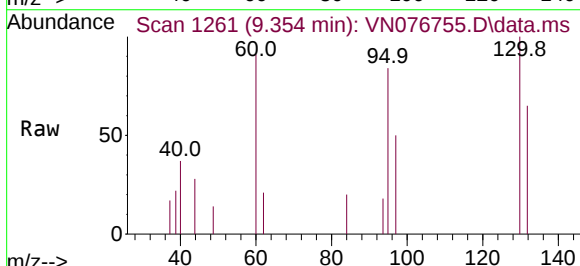
RT: 9.354 min Scan# 1261

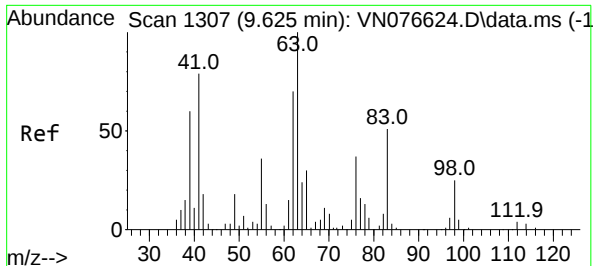
Delta R.T. -0.000 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Tgt Ion:130	Resp: 2240
Ion Ratio	Lower Upper
130 100	
95 83.9	0.0 191.4





#45

1,2-Dichloropropane

Concen: 0.837 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 281

Ion Ratio Lower Upper

63 100

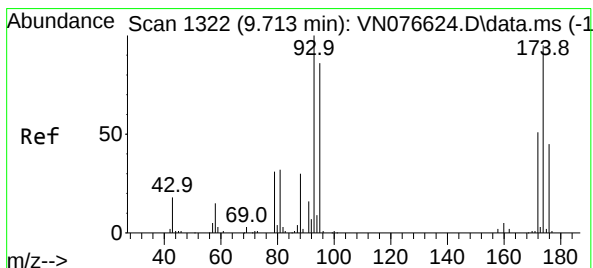
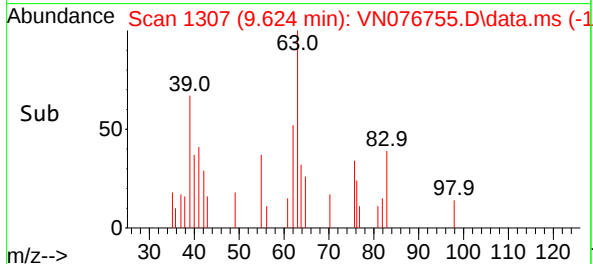
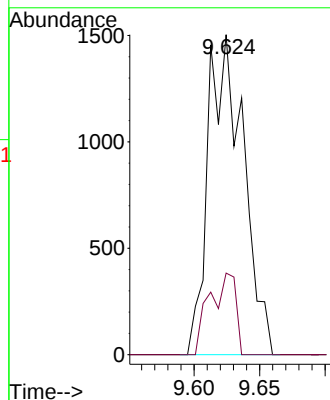
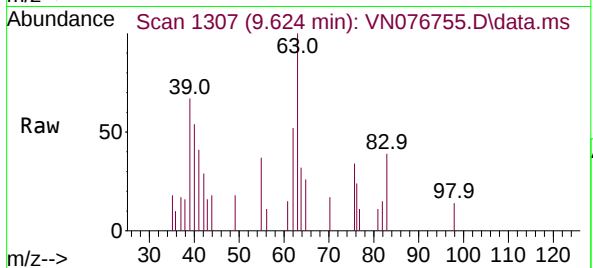
65 25.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 0.877 ug/l

RT: 9.724 min Scan# 1324

Delta R.T. 0.011 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

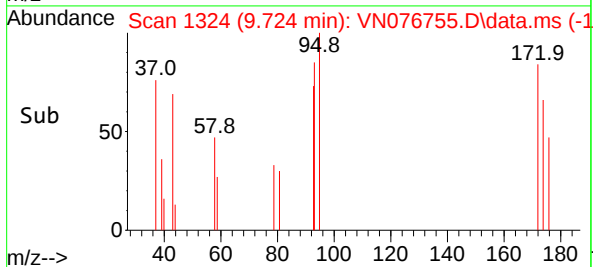
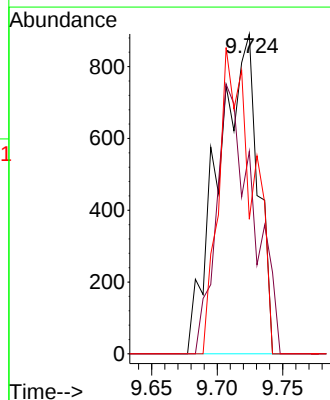
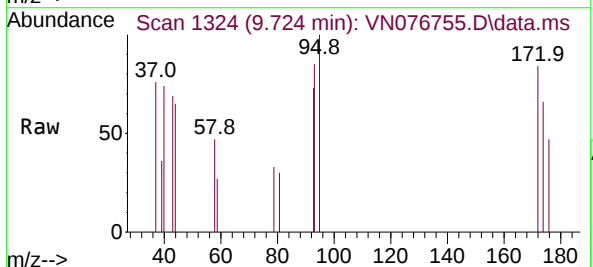
Tgt Ion: 93 Resp: 1883

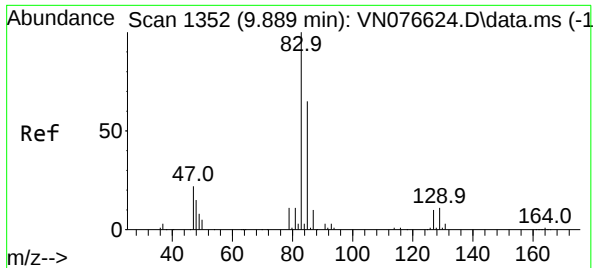
Ion Ratio Lower Upper

93 100

95 76.9 66.0 99.0

174 81.3 75.8 113.8





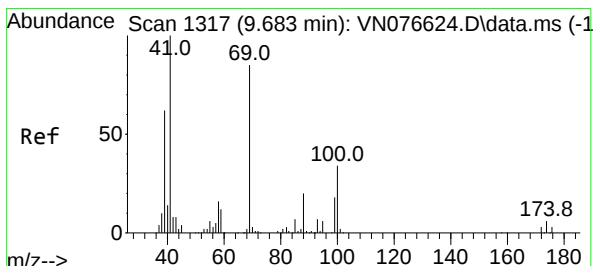
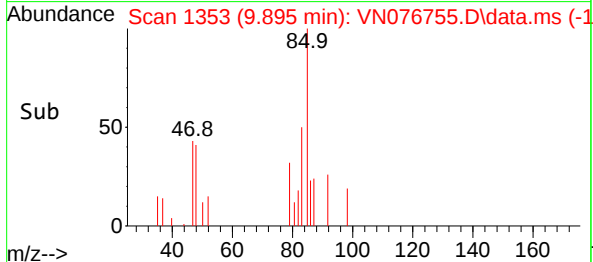
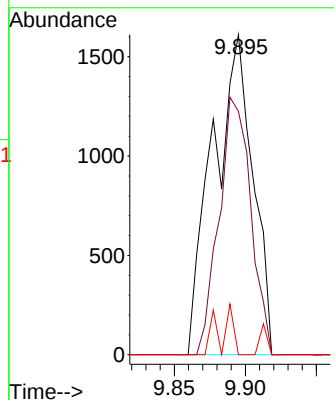
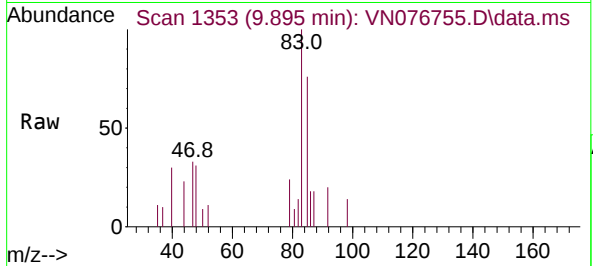
#47
Bromodichloromethane
Concen: 0.734 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion: 83 Resp: 3160
Ion Ratio Lower Upper
83 100
85 76.0 51.8 77.6
127 0.0 7.9 11.9

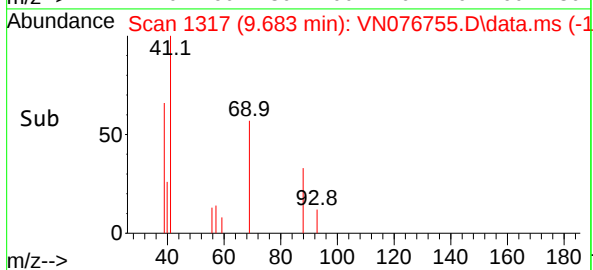
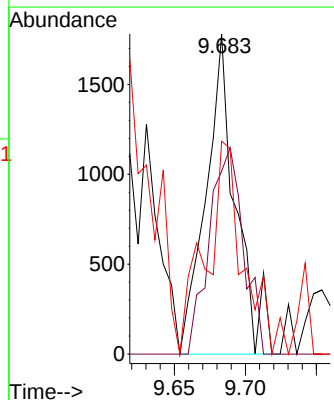
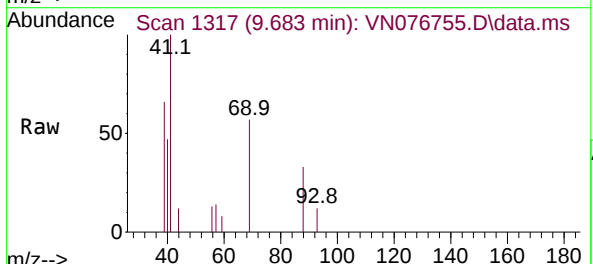
Manual Integrations
APPROVED

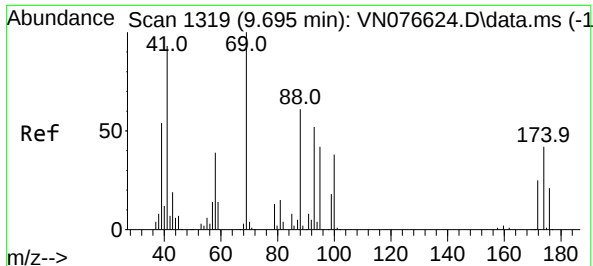
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 0.775 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 41 Resp: 2602
Ion Ratio Lower Upper
41 100
69 73.8 65.4 98.0
39 82.6 49.3 73.9





#49

1,4-Dioxane

Concen: 18.816 ug/l m

RT: 9.707 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 88 Resp: 109

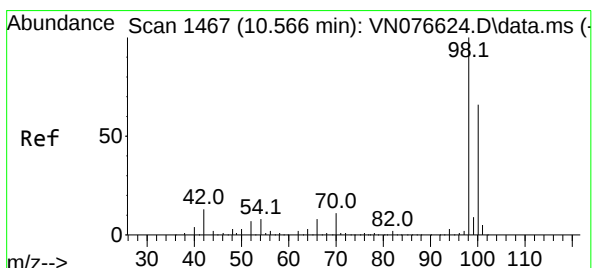
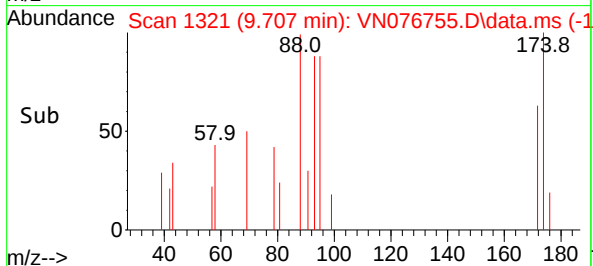
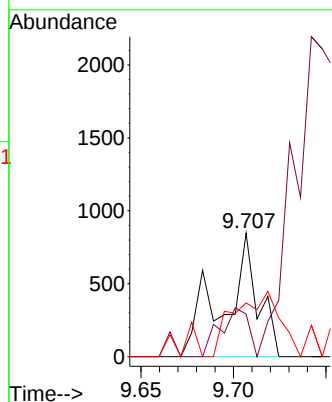
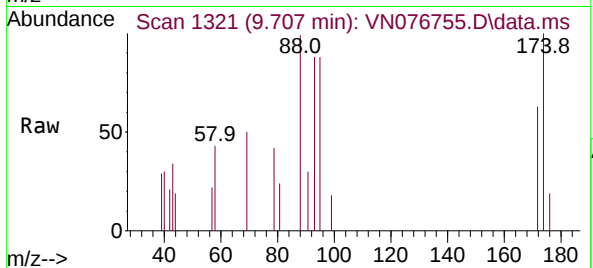
Ion	Ratio	Lower	Upper
88	100		
43	32.7	22.6	33.8
58	70.2	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 50.679 ug/l

RT: 10.571 min Scan# 1468

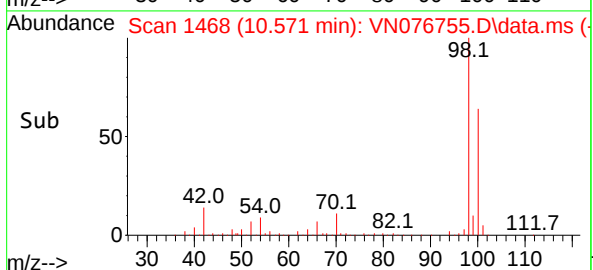
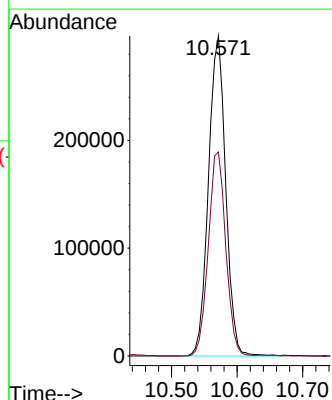
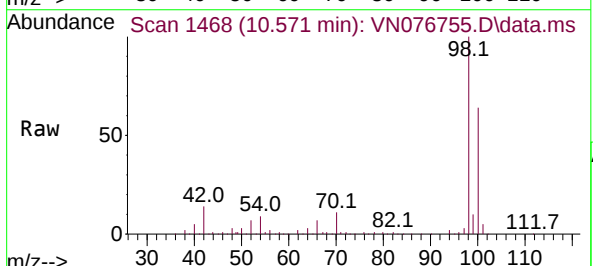
Delta R.T. 0.005 min

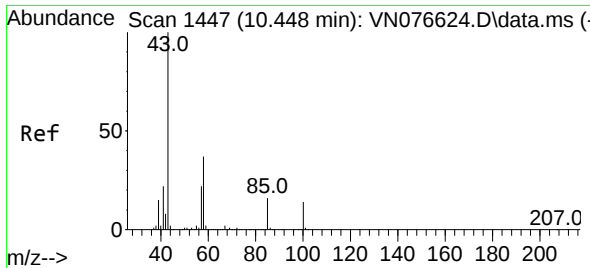
Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Tgt Ion: 98 Resp: 541466

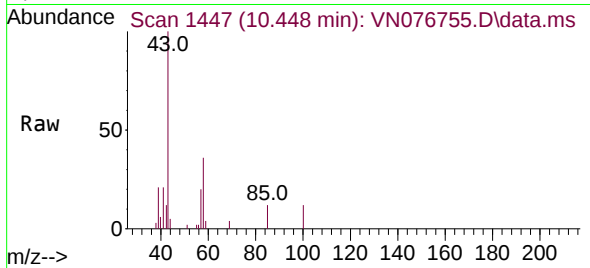
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 3.451 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

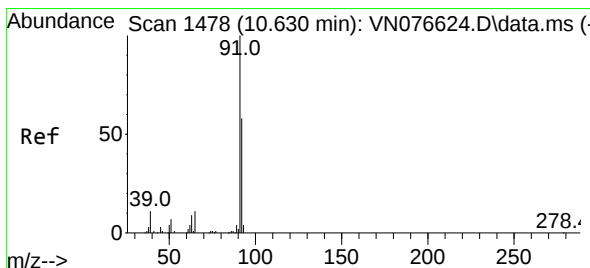
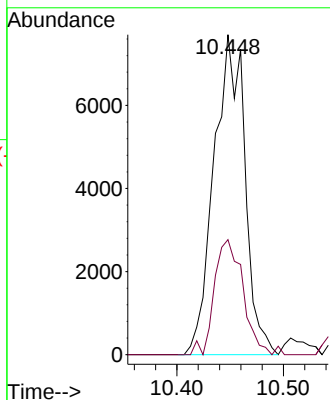
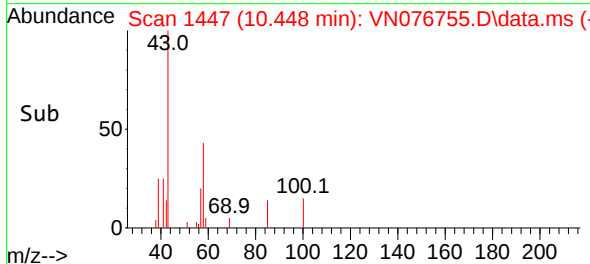
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 15538
Ion Ratio Lower Upper
43 100
58 33.1 29.5 44.3

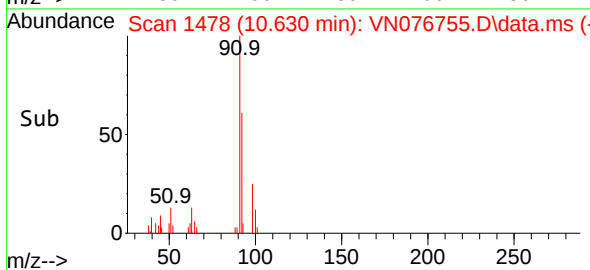
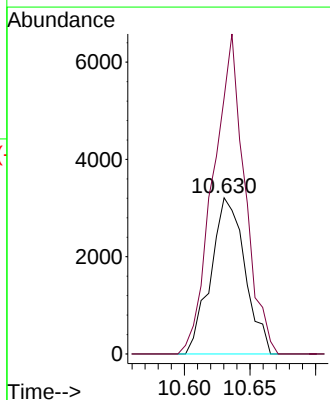
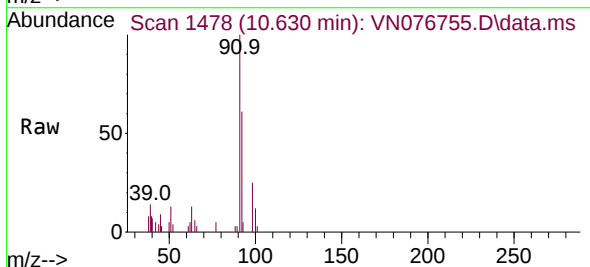
Manual Integrations
APPROVED

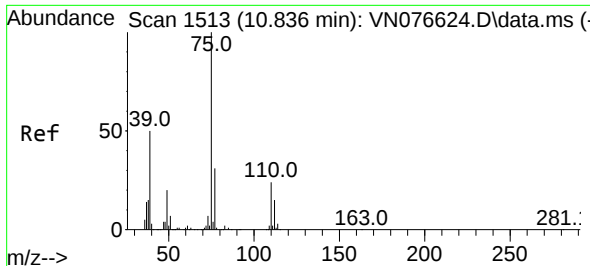
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#52
Toluene
Concen: 0.760 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

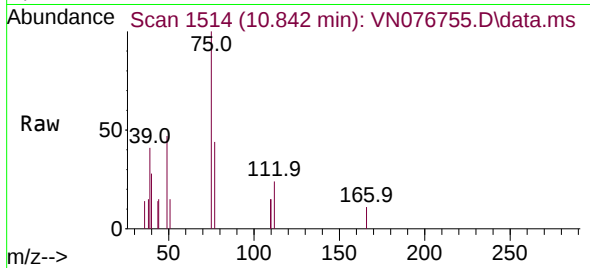
Tgt Ion: 92 Resp: 5826
Ion Ratio Lower Upper
92 100
91 188.8 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 0.685 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

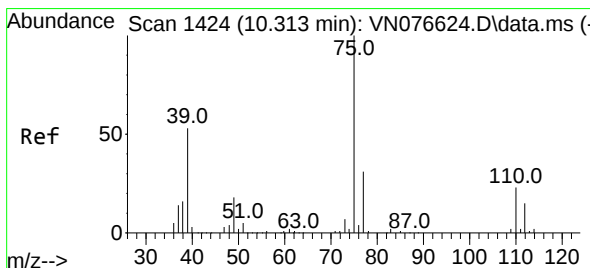
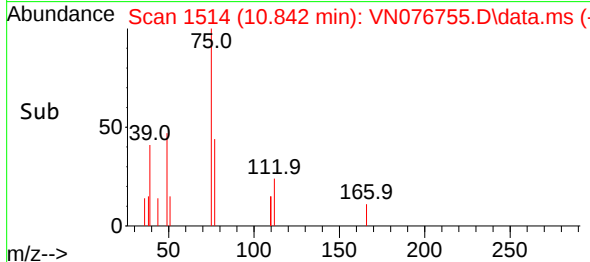
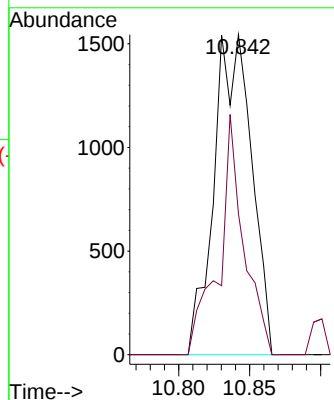
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 75 Resp: 2848
Ion Ratio Lower Upper
75 100
77 44.1 24.6 37.0

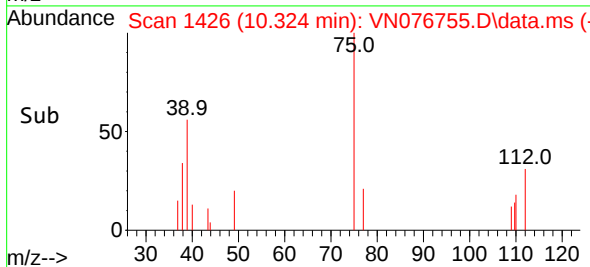
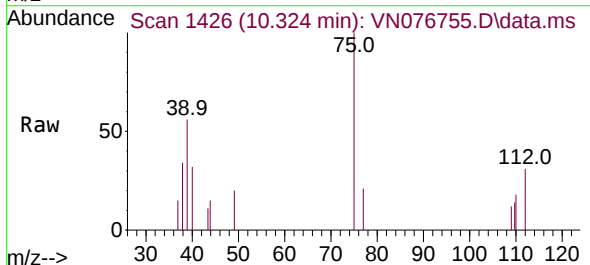
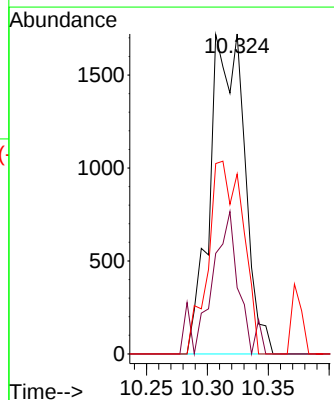
Manual Integrations
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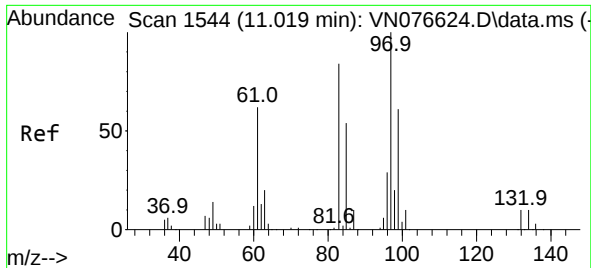
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 0.708 ug/l
RT: 10.324 min Scan# 1426
Delta R.T. 0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

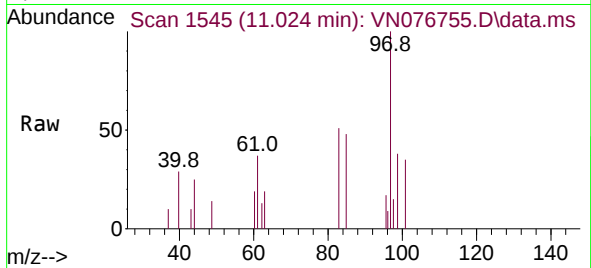
Tgt Ion: 75 Resp: 3393
Ion Ratio Lower Upper
75 100
77 20.7 25.1 37.7#
39 56.2 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 0.833 ug/l
RT: 11.024 min Scan# 1544
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

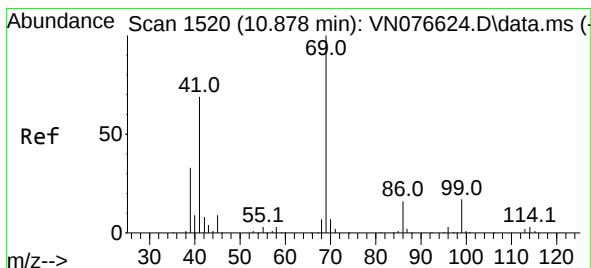
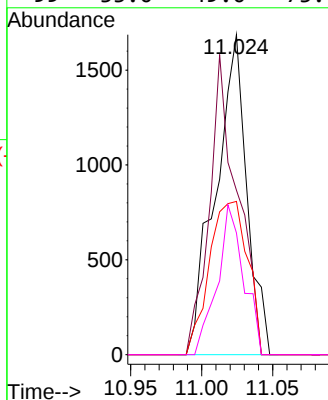
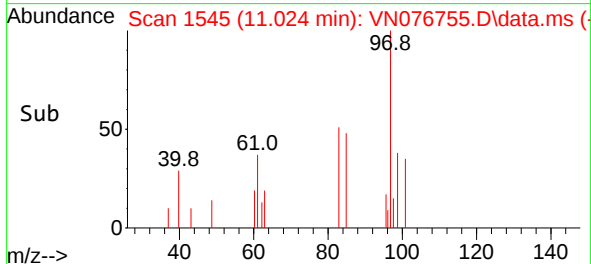
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 97 Resp: 259
Ion Ratio Lower Upper
97 100
83 44.5 67.3 100.9
85 41.5 43.2 64.8
99 33.0 49.0 73.4#

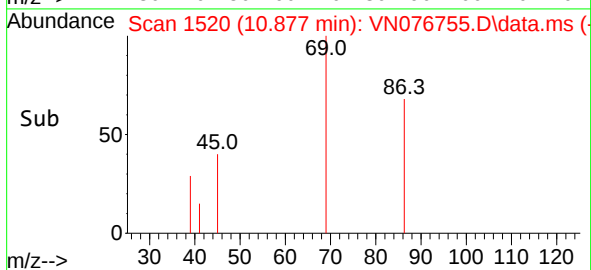
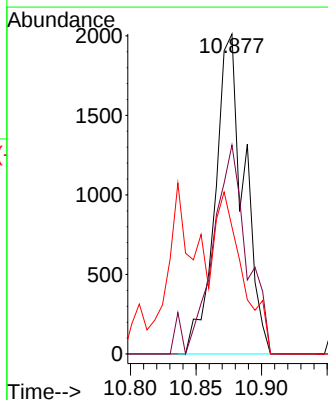
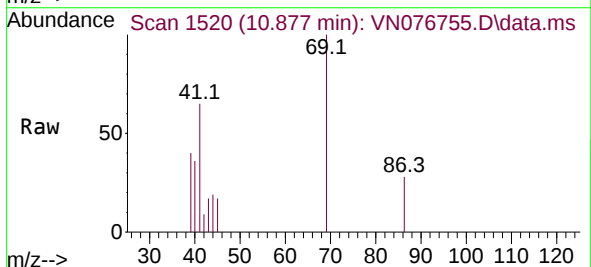
Manual Integrations
APPROVED

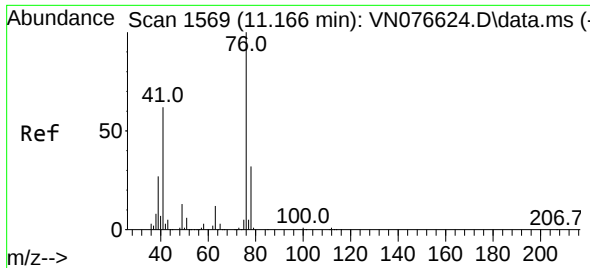
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#56
Ethyl methacrylate
Concen: 0.705 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

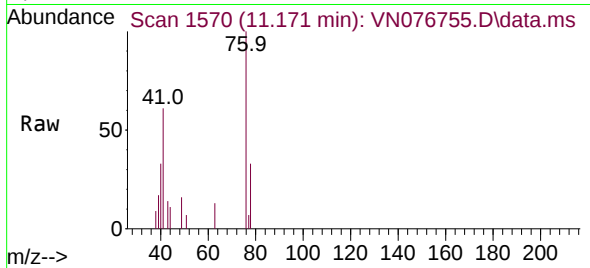
Tgt Ion: 69 Resp: 3093
Ion Ratio Lower Upper
69 100
41 75.2 55.1 82.7
39 48.0 30.7 46.1#





#57
1,3-Dichloropropane
Concen: 0.841 ug/l
RT: 11.171 min Scan# 1569
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

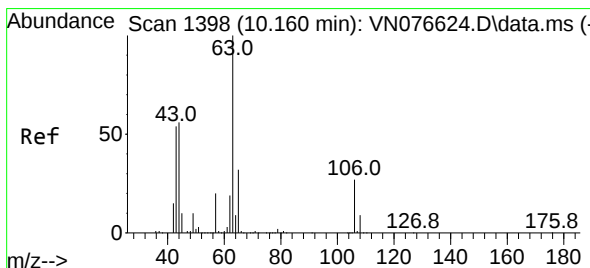
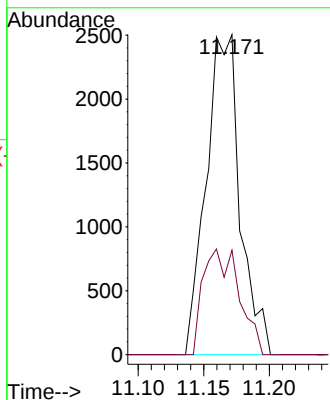
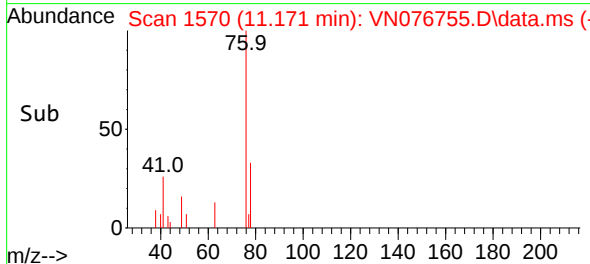
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 76 Resp: 450
Ion Ratio Lower Upper
76 100
78 35.2 26.1 39.1

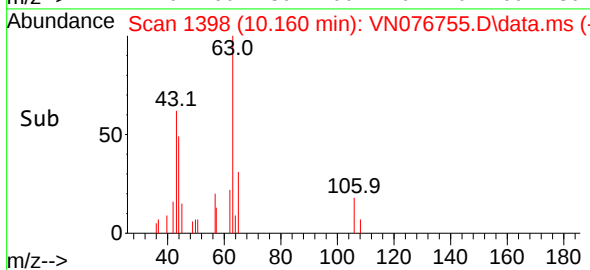
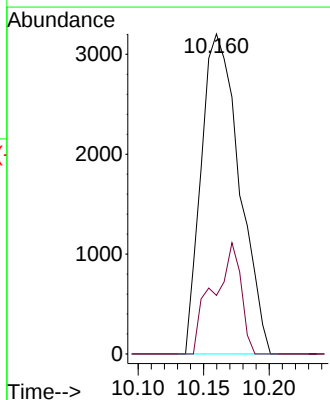
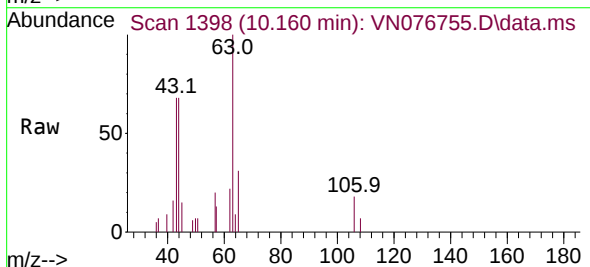
Manual Integrations
APPROVED

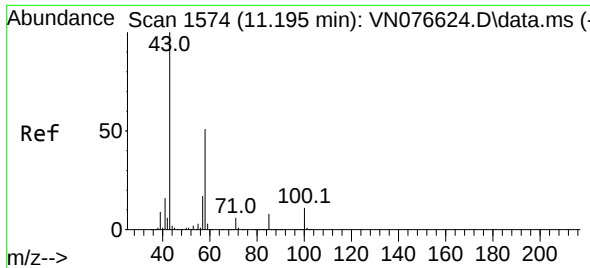
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 3.233 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 63 Resp: 6494
Ion Ratio Lower Upper
63 100
106 25.3 22.3 33.5





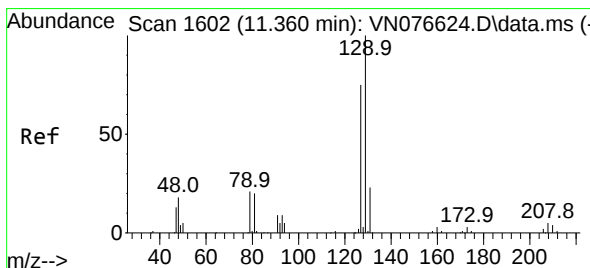
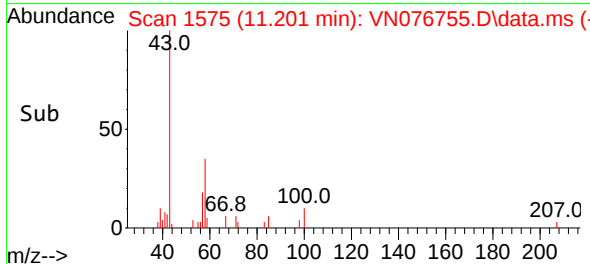
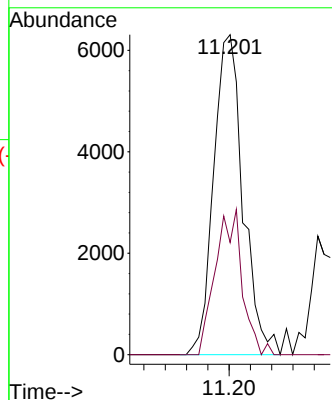
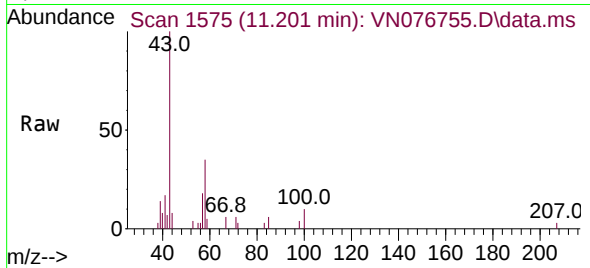
#59
2-Hexanone
Concen: 3.719 ug/l
RT: 11.201 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 41.2 25.4 76.0

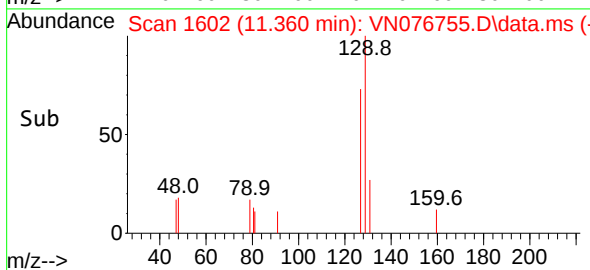
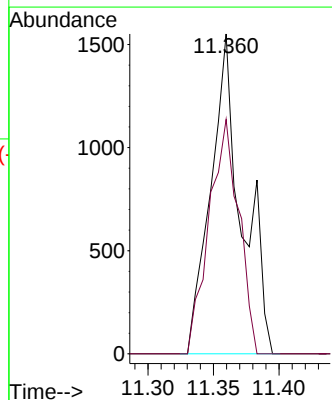
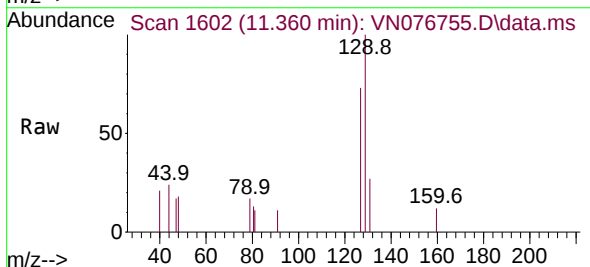
Manual Integrations
APPROVED

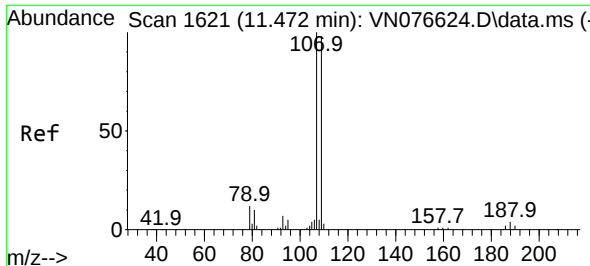
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 0.778 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:129 Resp: 2555
Ion Ratio Lower Upper
129 100
127 70.1 38.8 116.4





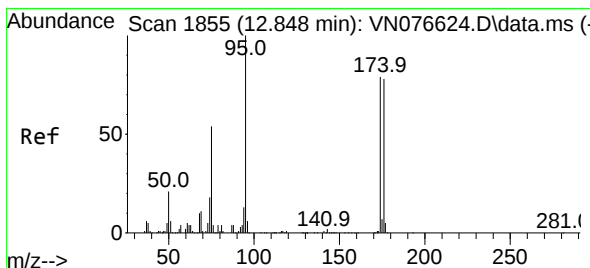
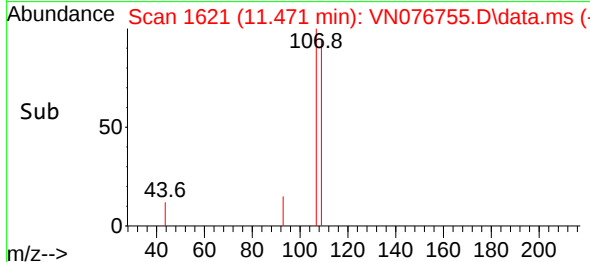
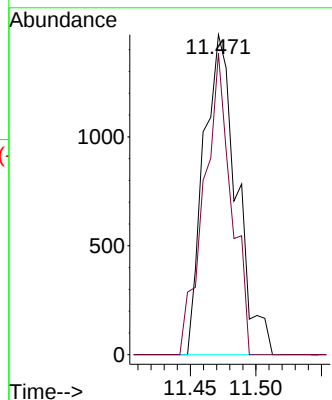
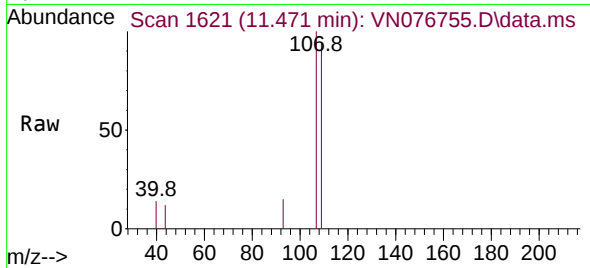
#61
1,2-Dibromoethane
Concen: 0.824 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion:107 Resp: 257
Ion Ratio Lower Upper
107 100
109 78.3 76.8 115.2

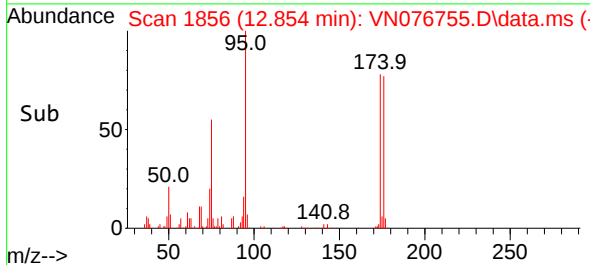
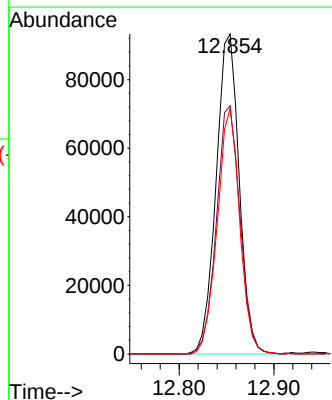
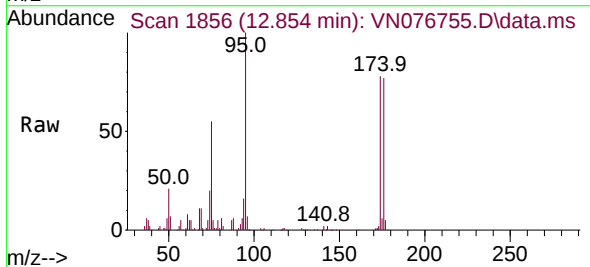
Manual Integrations
APPROVED

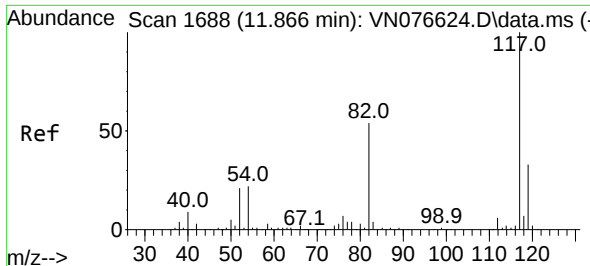
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

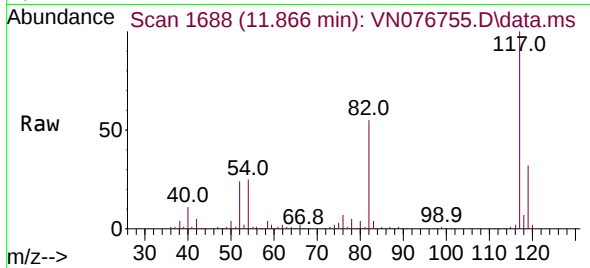
Tgt Ion: 95 Resp: 157859
Ion Ratio Lower Upper
95 100
174 79.5 0.0 169.2
176 74.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

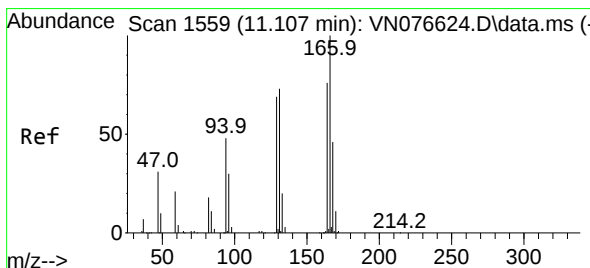
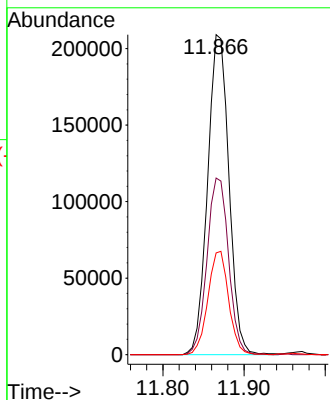
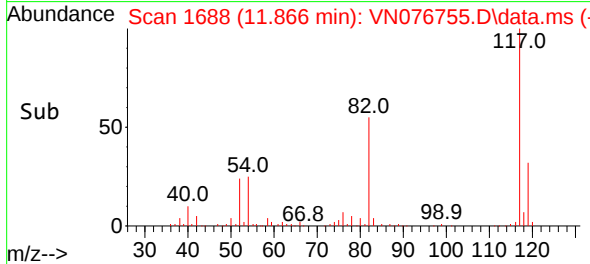
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:117 Resp: 381560
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.2
119 31.8 26.1 39.1

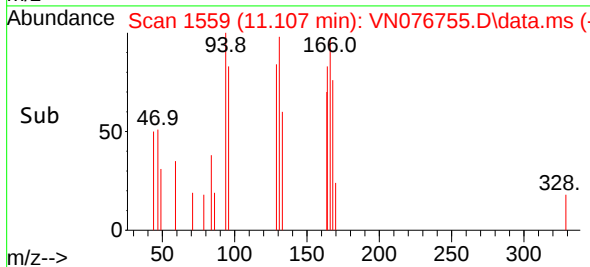
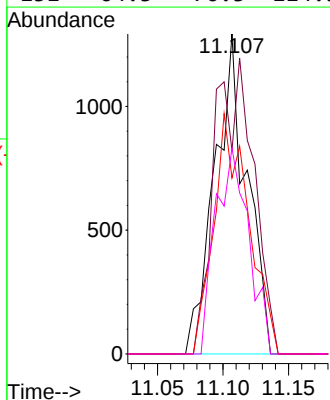
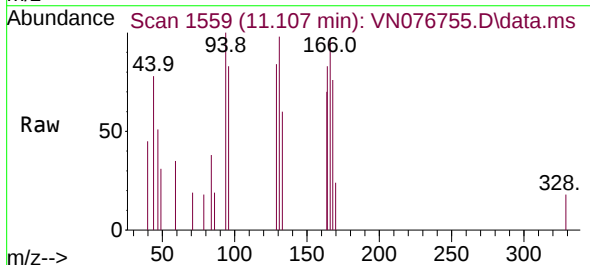
Manual Integrations
APPROVED

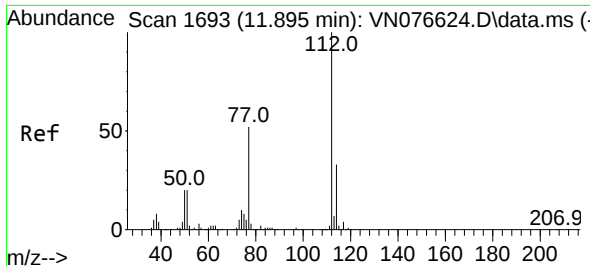
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 0.920 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:164 Resp: 2212
Ion Ratio Lower Upper
164 100
166 63.5 104.8 157.2#
129 55.0 72.2 108.2#
131 64.3 76.3 114.5#





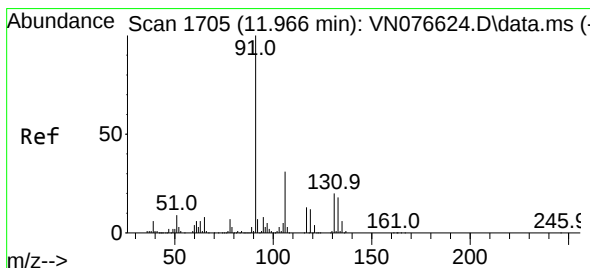
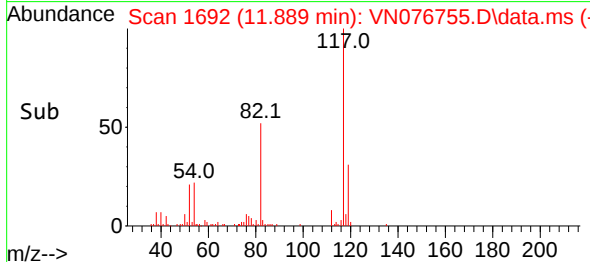
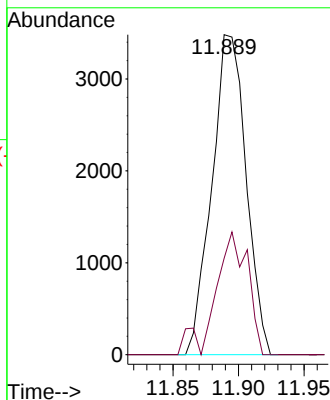
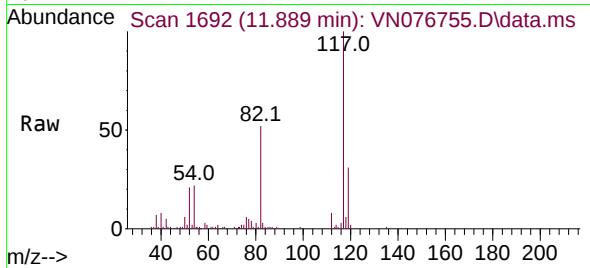
#65
Chlorobenzene
Concen: 0.782 ug/l
RT: 11.889 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion:112 Resp: 6320
Ion Ratio Lower Upper
112 100
114 30.1 26.4 39.6

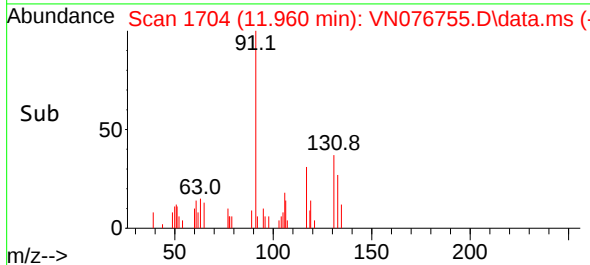
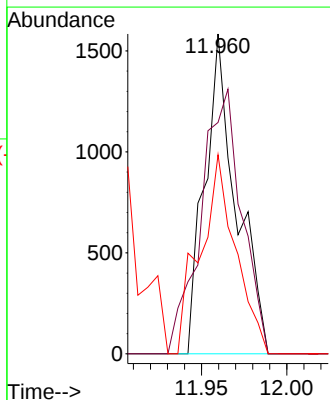
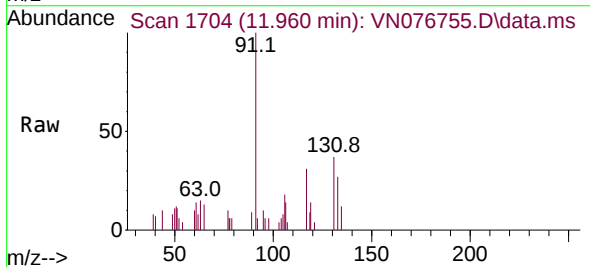
Manual Integrations
APPROVED

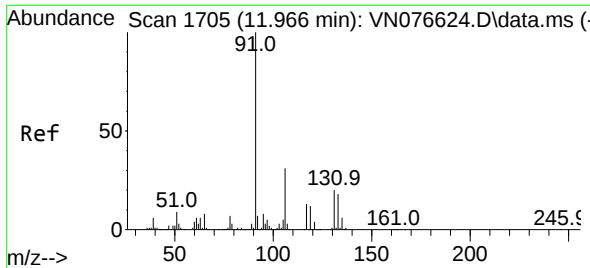
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.694 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

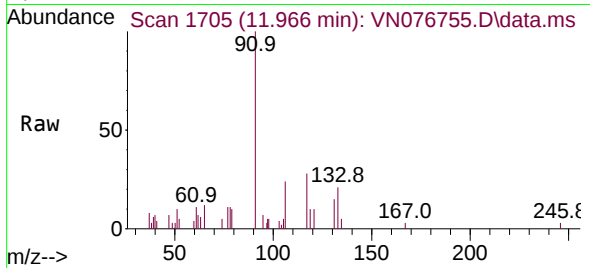
Tgt Ion:131 Resp: 2039
Ion Ratio Lower Upper
131 100
133 107.0 47.0 141.0
119 0.0 32.3 96.8#





#67
Ethyl Benzene
Concen: 0.721 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

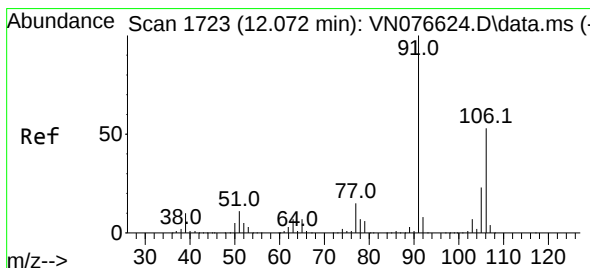
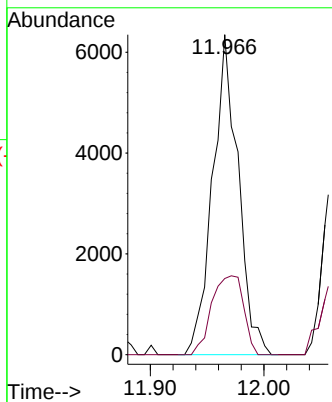
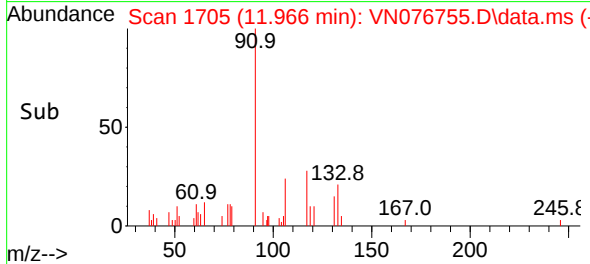
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



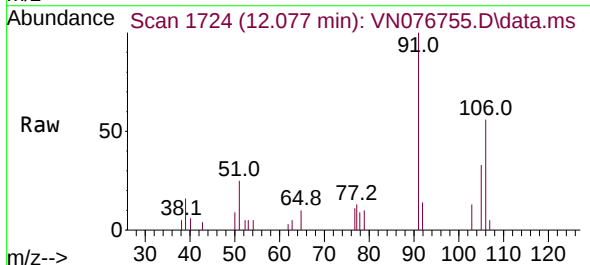
Tgt Ion: 91 Resp: 992
Ion Ratio Lower Upper
91 100
106 23.8 25.1 37.7

Manual Integrations
APPROVED

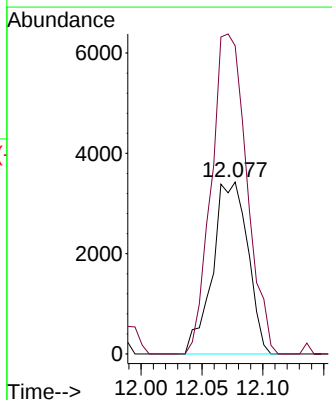
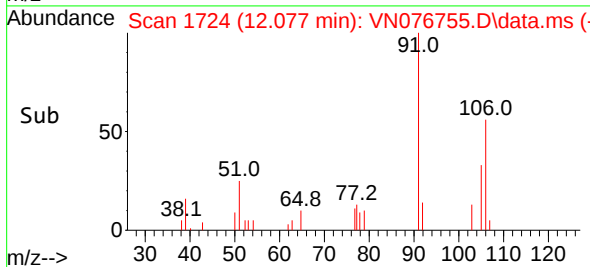
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

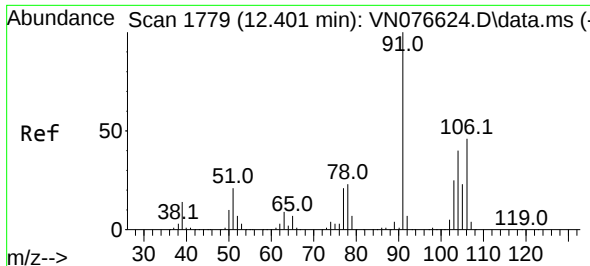


#68
m/p-Xylenes
Concen: 1.297 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion:106 Resp: 6887
Ion Ratio Lower Upper
106 100
91 187.6 154.7 232.1





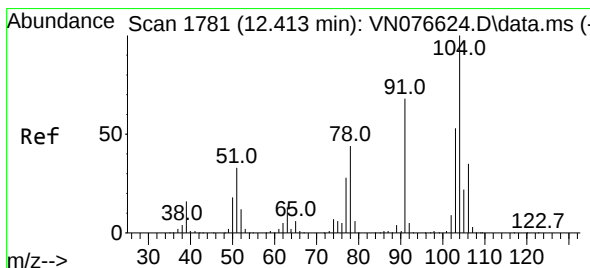
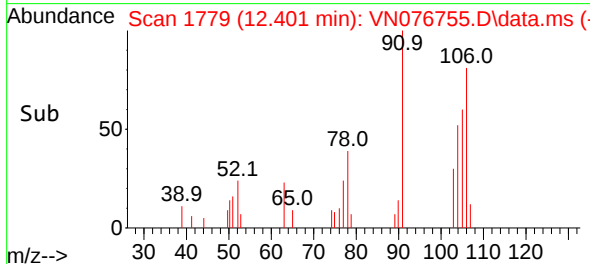
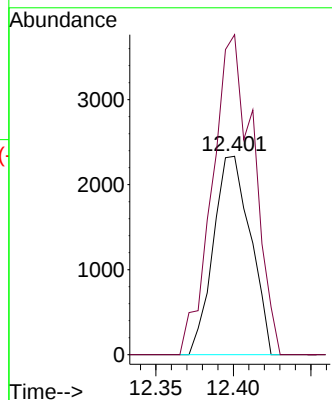
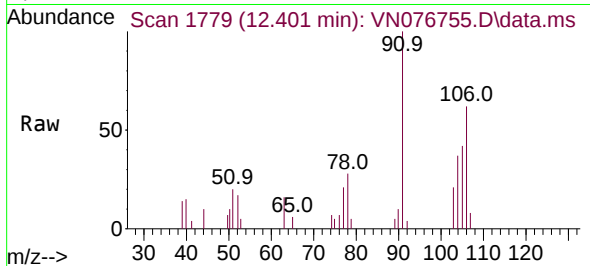
#69
o-Xylene
Concen: 0.753 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion:106 Resp: 3898
Ion Ratio Lower Upper
106 100
91 177.3 105.8 317.4

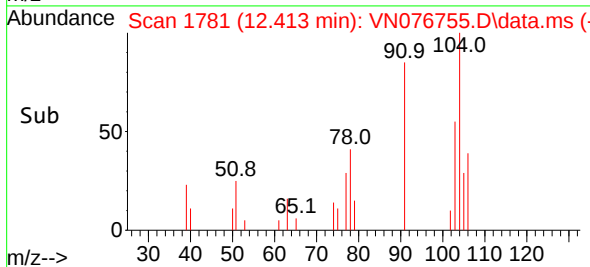
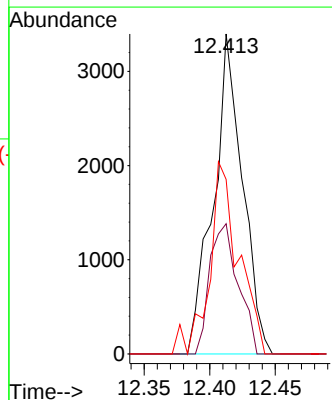
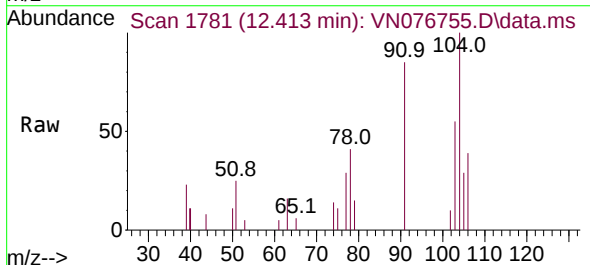
Manual Integrations
APPROVED

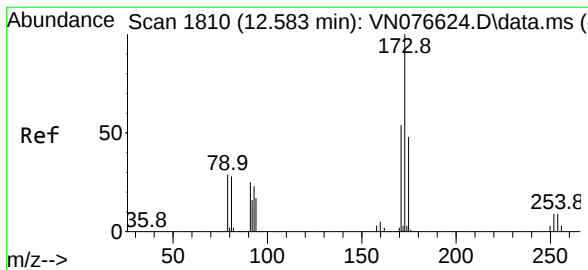
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 0.626 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

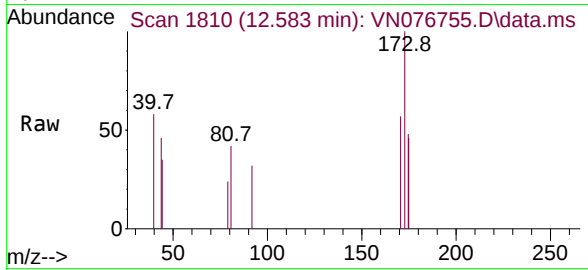
Tgt Ion:104 Resp: 5240
Ion Ratio Lower Upper
104 100
78 39.9 38.2 57.4
103 60.0 44.2 66.4





#71
Bromoform
Concen: 0.642 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

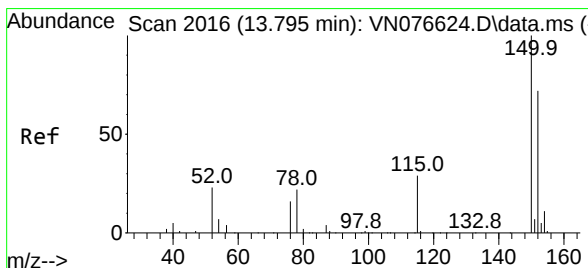
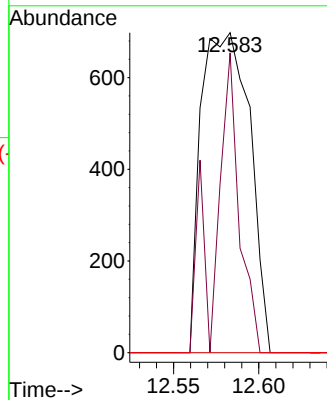
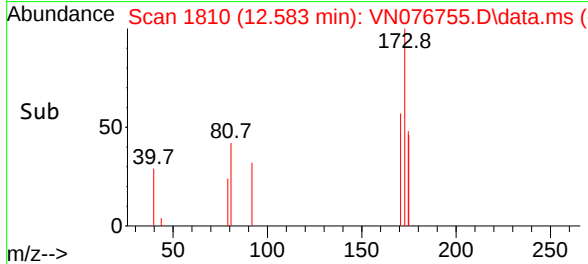
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



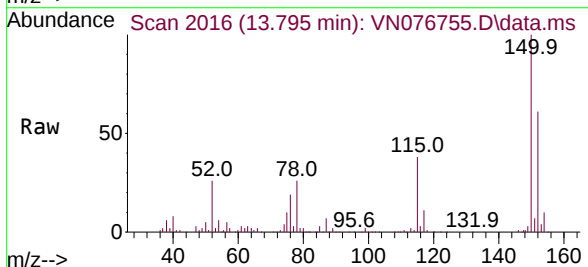
Tgt Ion:173 Resp: 138
Ion Ratio Lower Upper
173 100
175 46.7 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

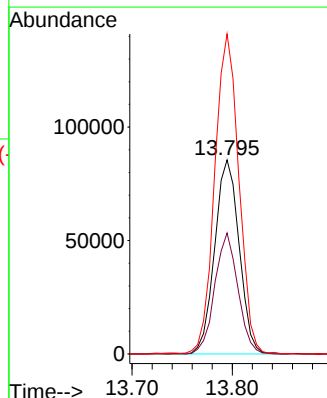
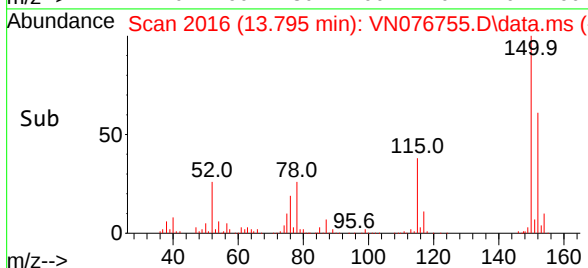
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

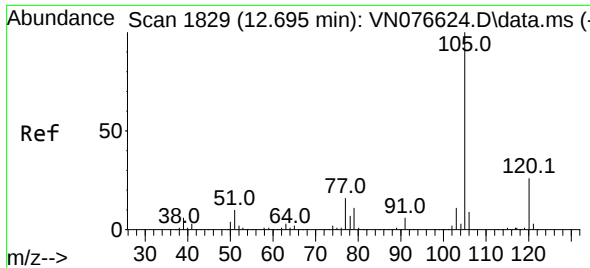


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion:152 Resp: 144803
Ion Ratio Lower Upper
152 100
115 59.1 29.3 87.9
150 163.3 0.0 349.8





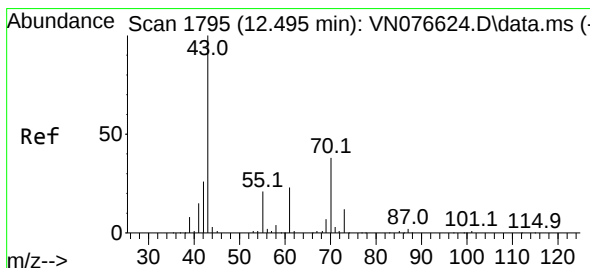
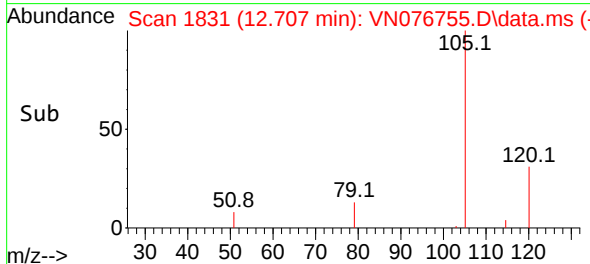
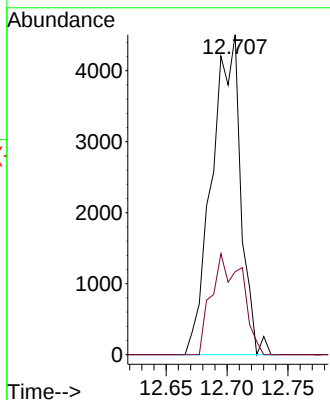
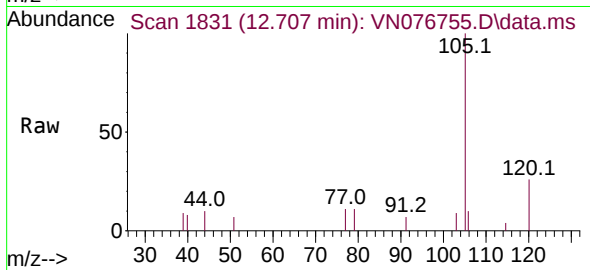
#73
Isopropylbenzene
Concen: 0.699 ug/l
RT: 12.707 min Scan# 1831
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion:105 Resp: 7419
Ion Ratio Lower Upper
105 100
120 33.6 13.7 41.0

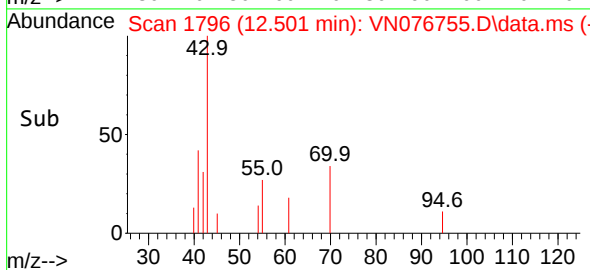
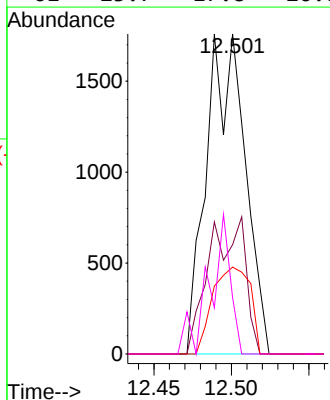
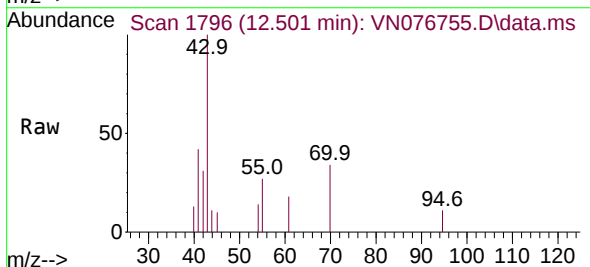
Manual Integrations
APPROVED

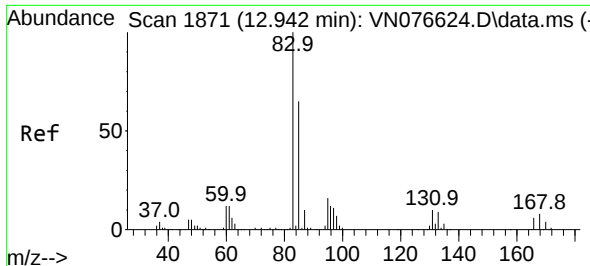
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-ethyl acetate
Concen: 0.635 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

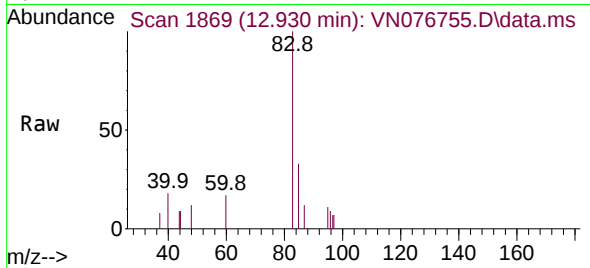
Tgt Ion: 43 Resp: 3036
Ion Ratio Lower Upper
43 100
70 39.7 30.5 45.7
55 26.4 17.8 26.8
61 23.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 0.969 ug/l
RT: 12.930 min Scan# 1869
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

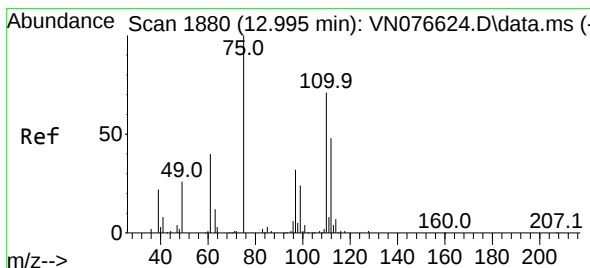
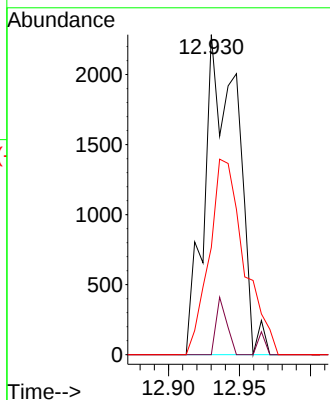
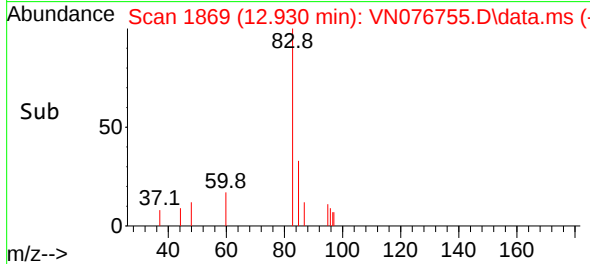
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 83 Resp: 372
Ion Ratio Lower Upper
83 100
131 5.7 5.0 15.0
85 64.3 31.8 95.3

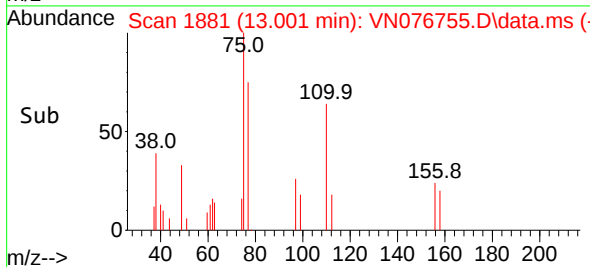
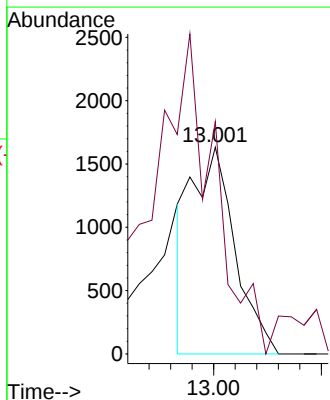
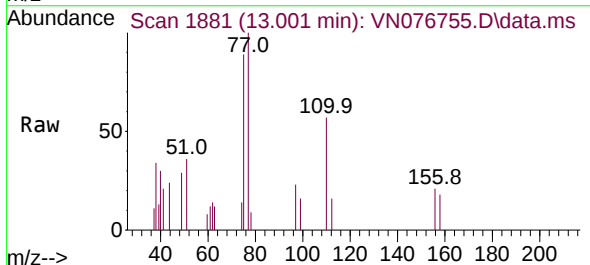
Manual Integrations
APPROVED

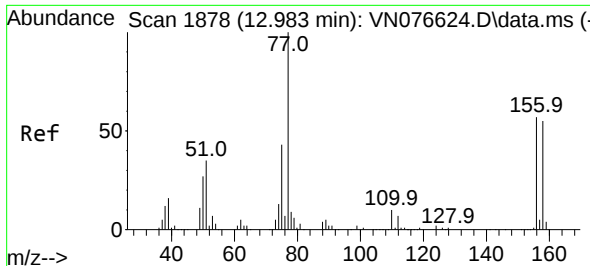
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 0.786 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

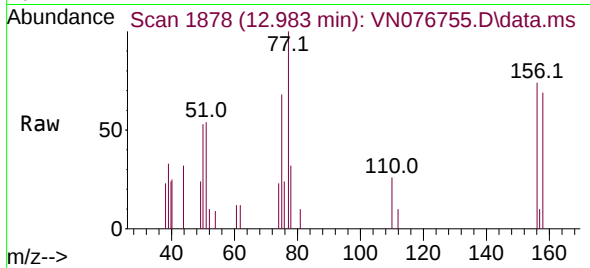
Tgt Ion: 75 Resp: 2301
Ion Ratio Lower Upper
75 100
77 219.1 93.1 279.3





#77
Bromobenzene
Concen: 0.896 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

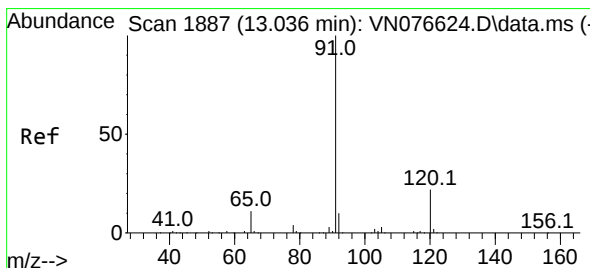
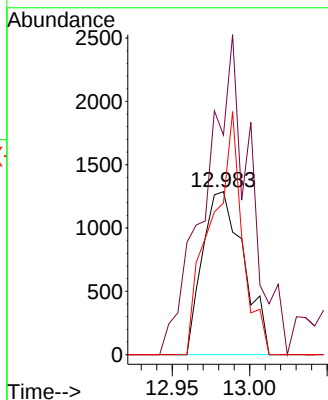
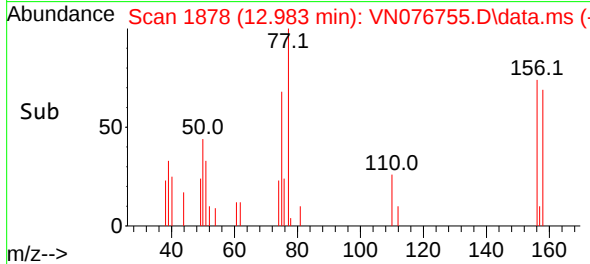
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



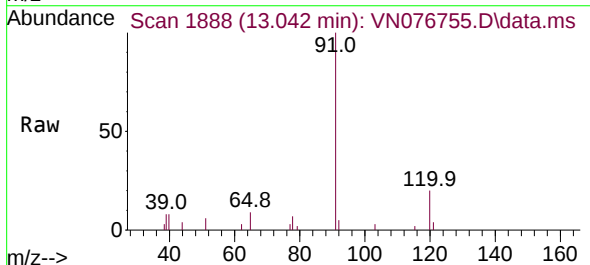
Tgt Ion:156 Resp: 237
Ion Ratio Lower Upper
156 100
77 212.4 102.8 308.4
158 111.7 48.9 146.6

Manual Integrations
APPROVED

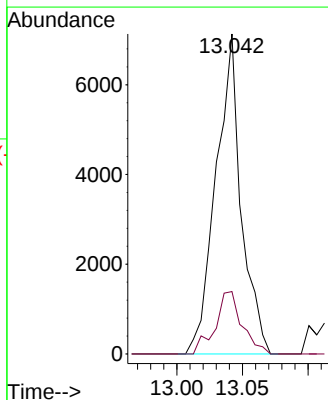
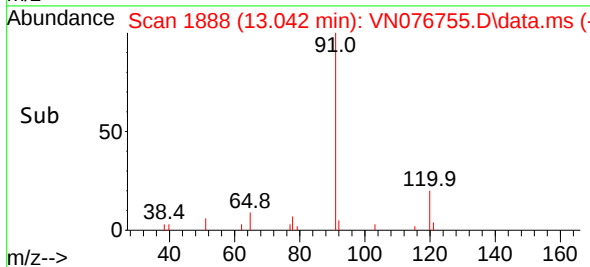
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

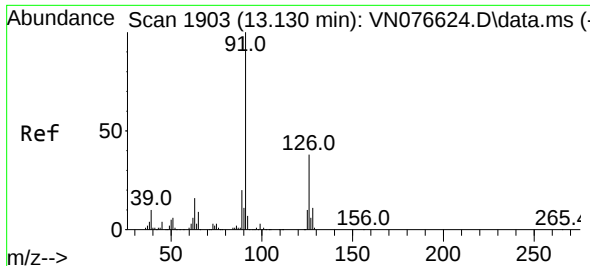


#78
n-propylbenzene
Concen: 0.768 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion: 91 Resp: 9566
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.5





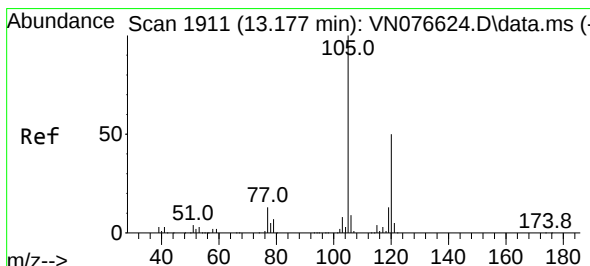
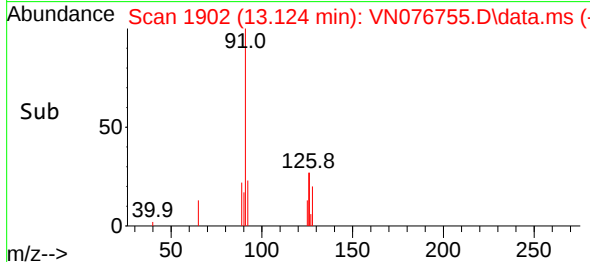
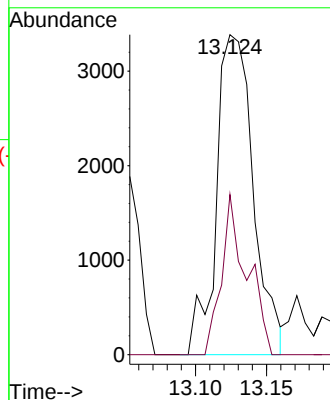
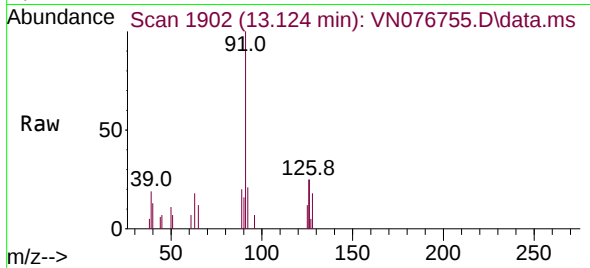
#79
2-Chlorotoluene
Concen: 0.804 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion: 91 Resp: 613
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1

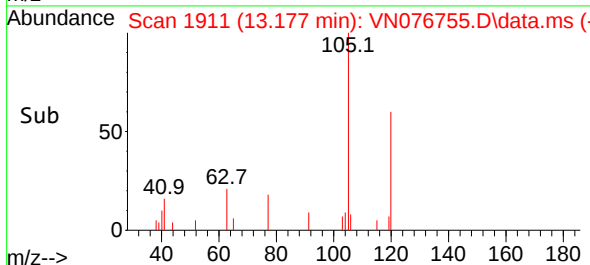
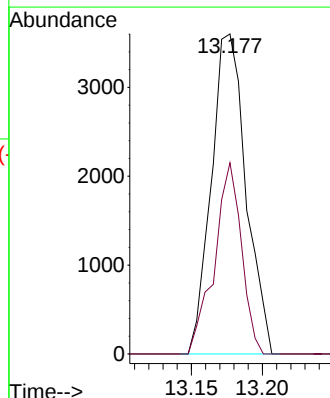
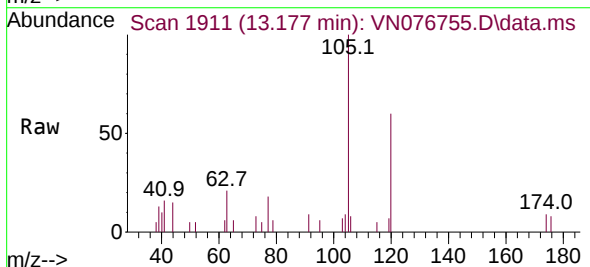
Manual Integrations
APPROVED

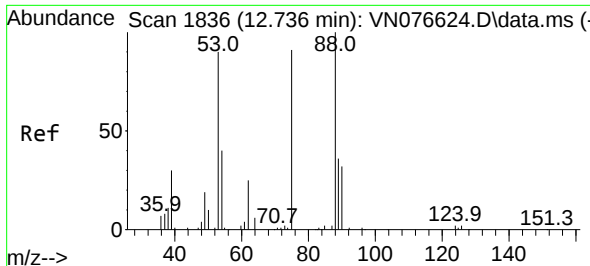
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.696 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

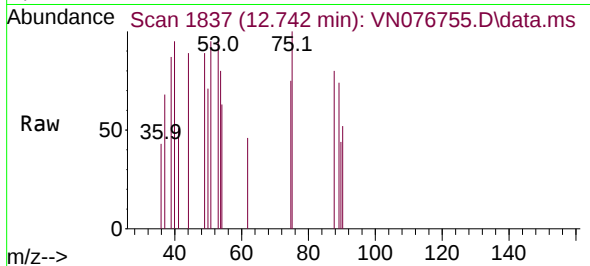
Tgt Ion:105 Resp: 6105
Ion Ratio Lower Upper
105 100
120 46.8 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.662 ug/l m
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

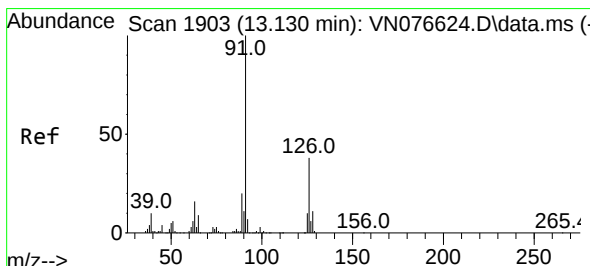
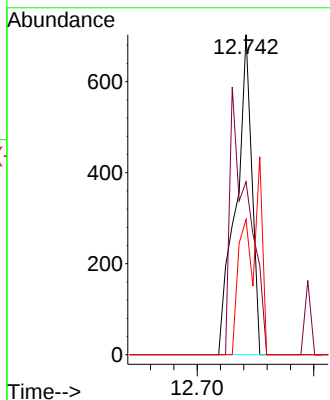
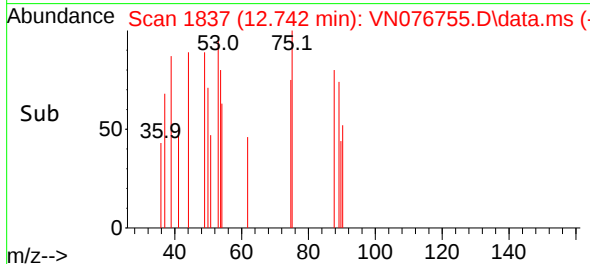
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



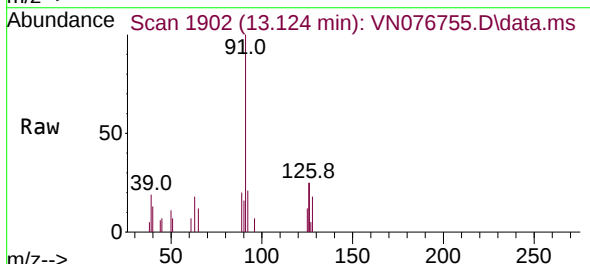
Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1
89 10.7 37.5 56.3

Manual Integrations
APPROVED

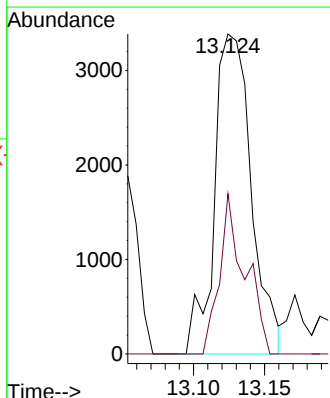
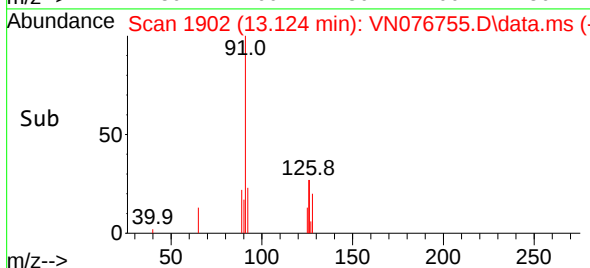
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

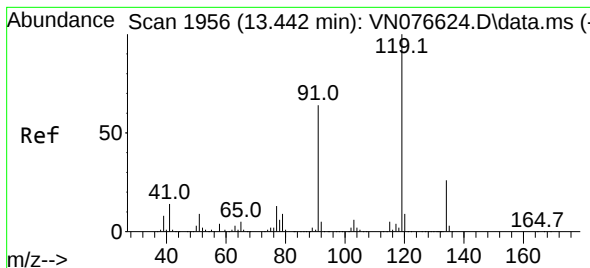


#82
4-Chlorotoluene
Concen: 0.804 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion: 91 Resp: 6132
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1





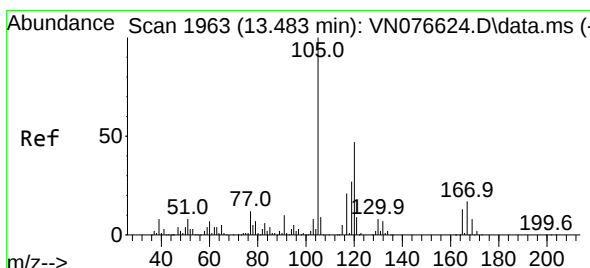
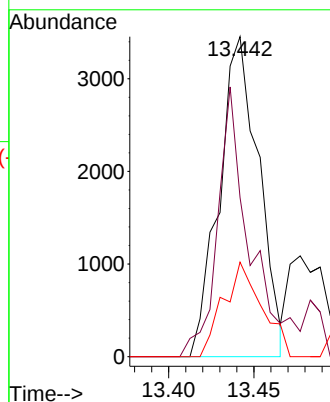
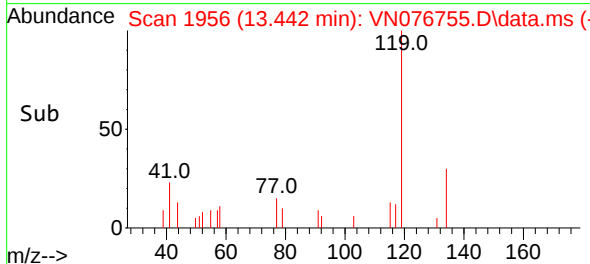
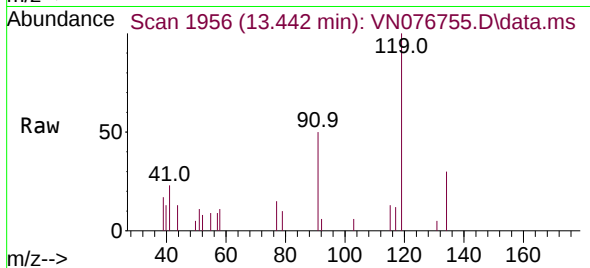
#83
tert-Butylbenzene
Concen: 0.703 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

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

Tgt Ion:119 Resp: 557
Ion Ratio Lower Upper
119 100
91 69.8 32.0 96.2
134 28.8 13.8 41.4

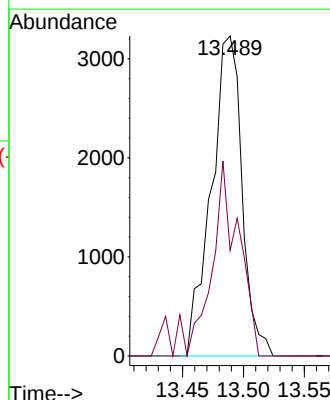
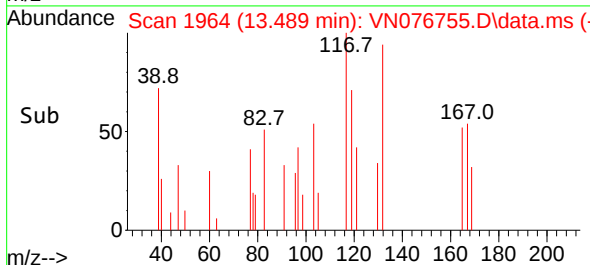
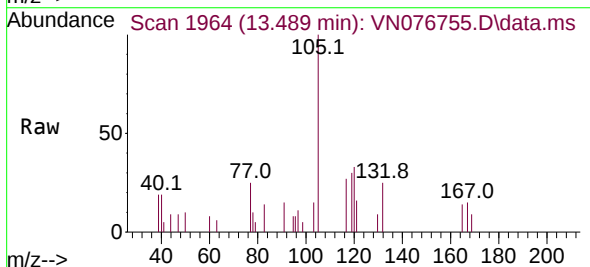
Manual Integrations
APPROVED

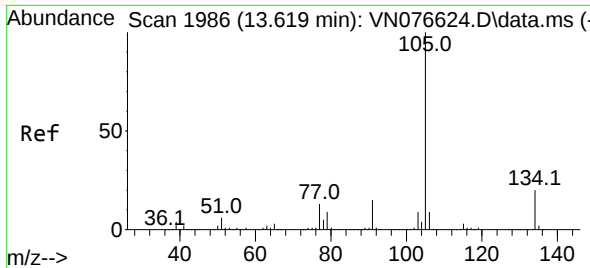
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.650 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

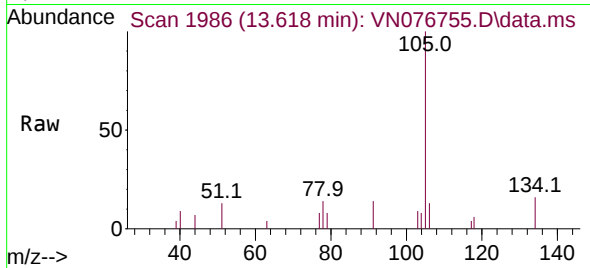
Tgt Ion:105 Resp: 5678
Ion Ratio Lower Upper
105 100
120 51.9 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 0.641 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

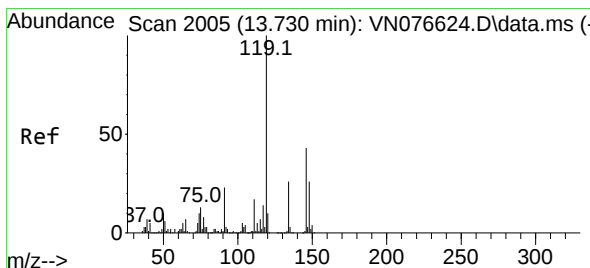
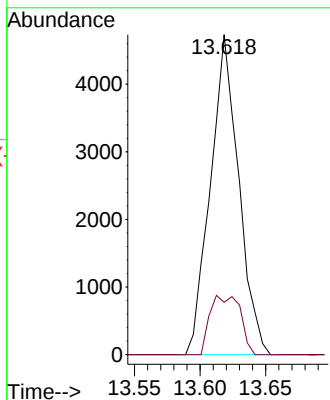
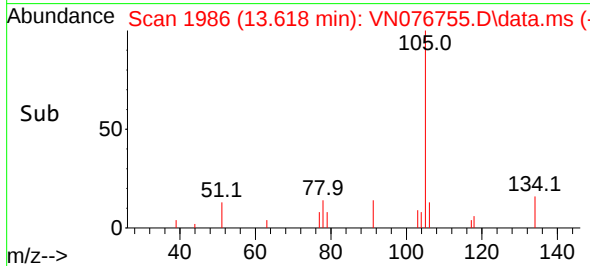
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



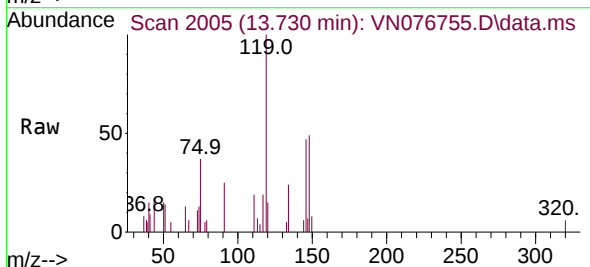
Tgt Ion:105 Resp: 7098
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.5 31.5

Manual Integrations
 APPROVED

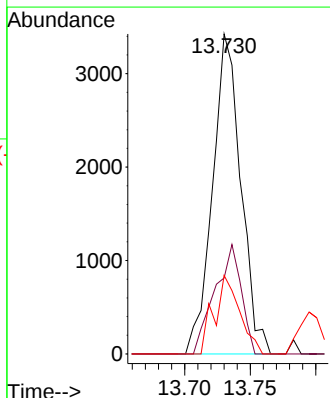
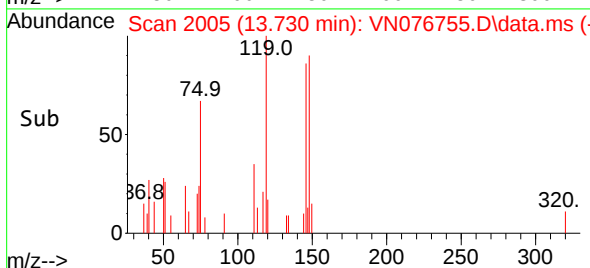
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

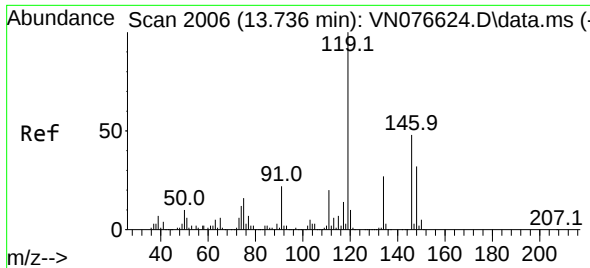


#86
 p-Isopropyltoluene
 Concen: 0.580 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13



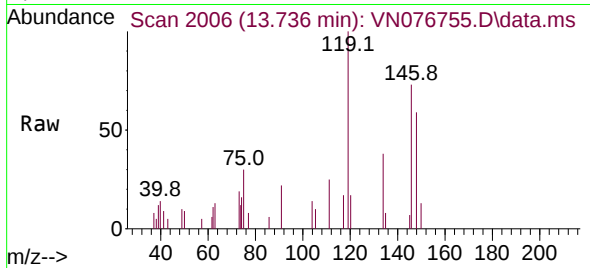
Tgt Ion:119 Resp: 5132
 Ion Ratio Lower Upper
 119 100
 134 31.8 13.4 40.1
 91 22.0 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 0.752 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

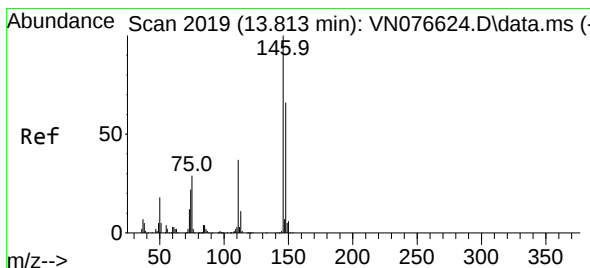
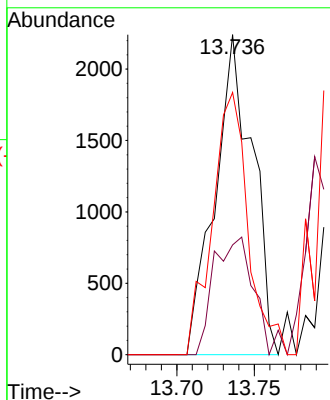
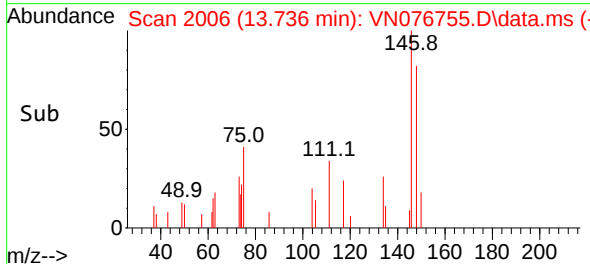
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:146 Resp: 3762
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 78.5 32.0 96.2

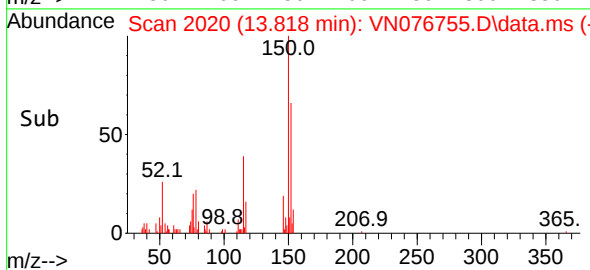
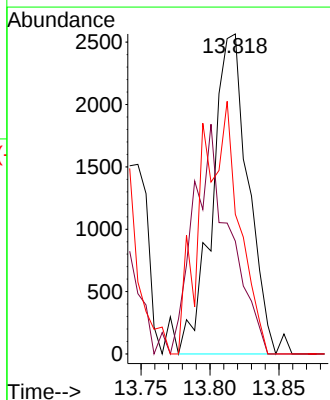
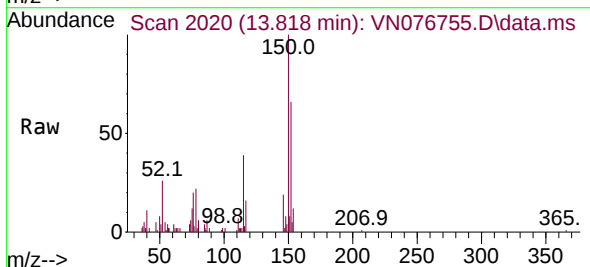
Manual Integrations
APPROVED

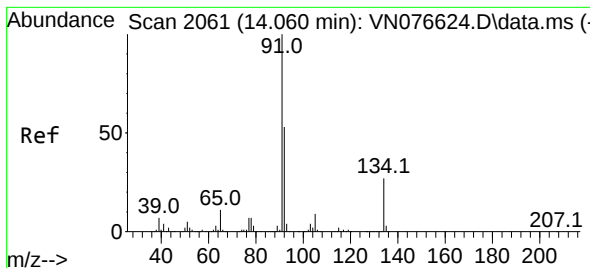
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#88
1,4-Dichlorobenzene
Concen: 0.927 ug/l m
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:146 Resp: 4622
Ion Ratio Lower Upper
146 100
111 32.3 19.4 58.1
148 63.9 32.7 98.1





#89

n-Butylbenzene

Concen: 0.631 ug/l

RT: 14.054 min Scan# 2060

Delta R.T. -0.006 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

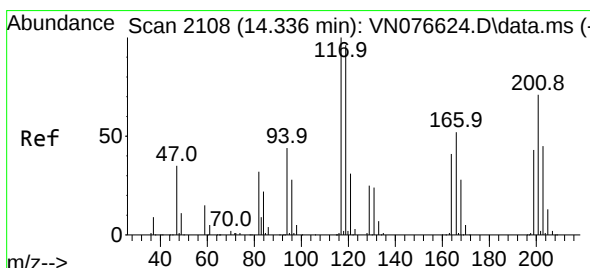
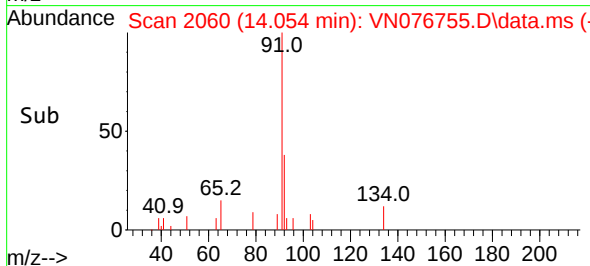
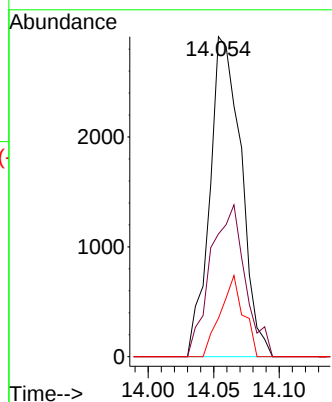
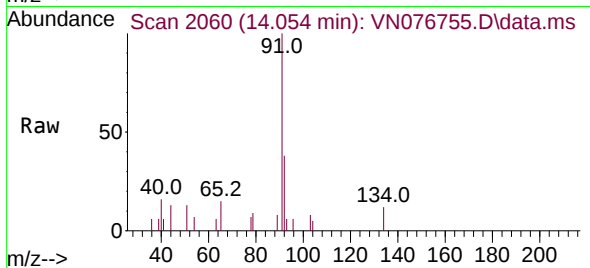
Tgt Ion: 91	Resp: 485
Ion Ratio	Lower Upper
91	100
92	52.3 26.4 79.0
134	18.6 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#90

Hexachloroethane

Concen: 0.996 ug/l

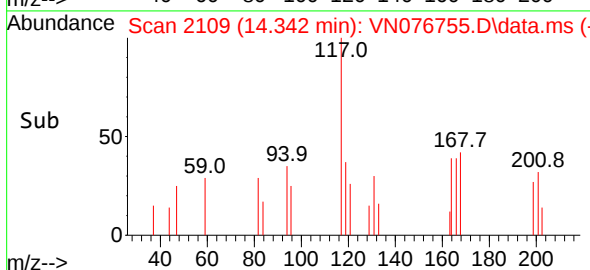
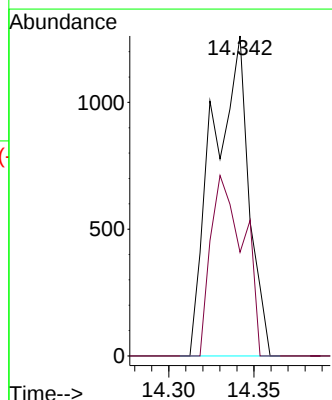
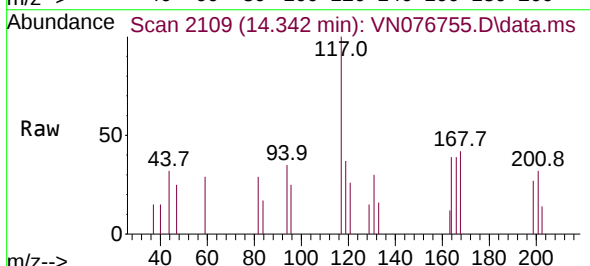
RT: 14.342 min Scan# 2109

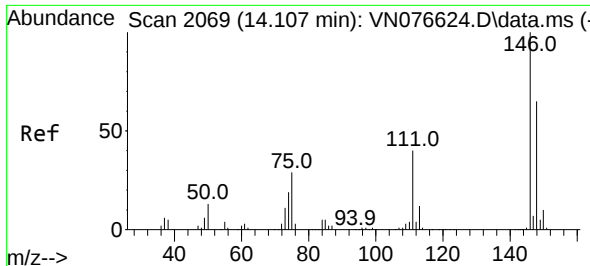
Delta R.T. 0.006 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

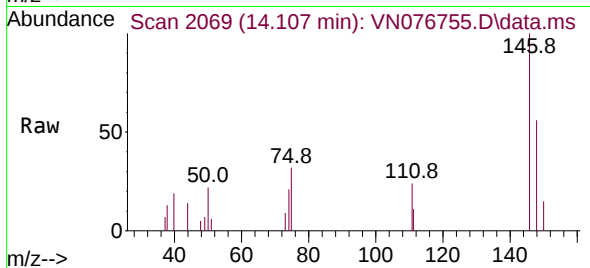
Tgt Ion: 117	Resp: 1845
Ion Ratio	Lower Upper
117	100
201	51.8 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 0.794 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

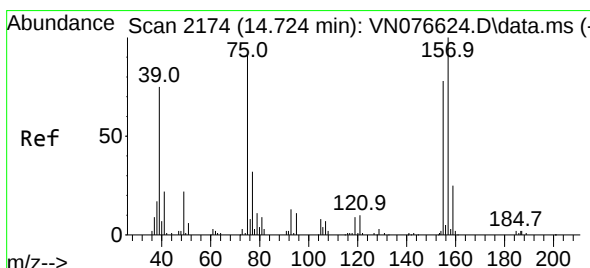
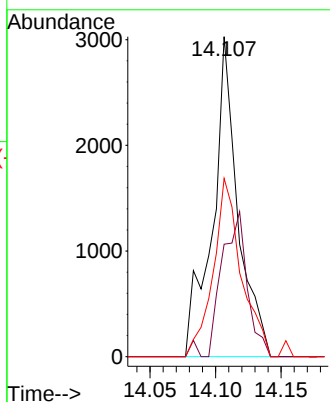
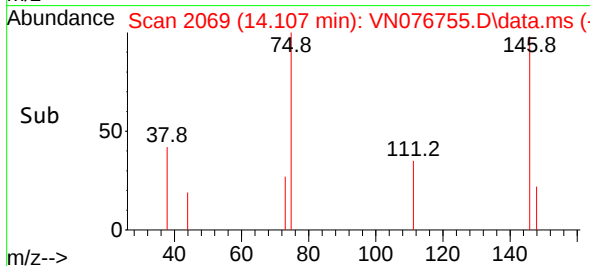
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



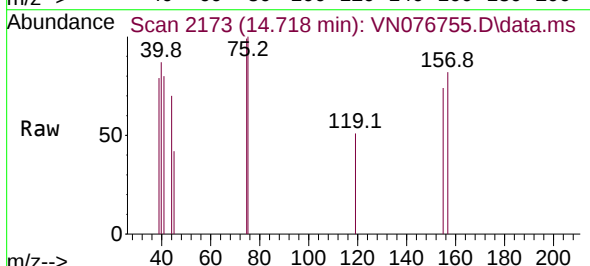
Tgt Ion:146 Resp: 407
Ion Ratio Lower Upper
146 100
111 46.0 20.0 59.9
148 61.3 32.4 97.2

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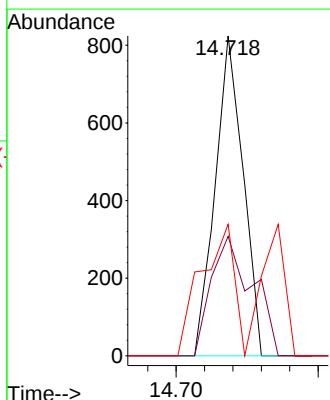
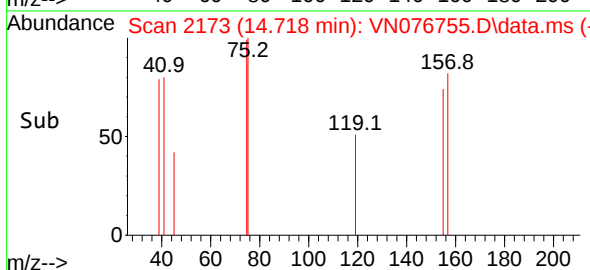
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

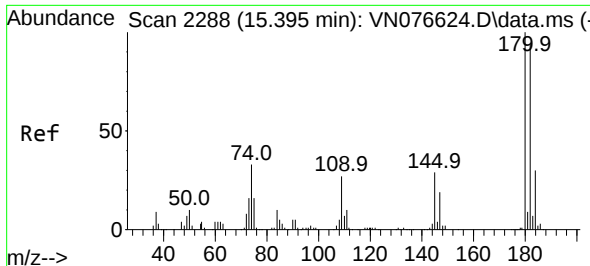


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.754 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13



Tgt Ion: 75 Resp: 561
Ion Ratio Lower Upper
75 100
155 55.1 43.4 130.2
157 48.8 55.2 165.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.777 ug/l

RT: 15.377 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN076755.D

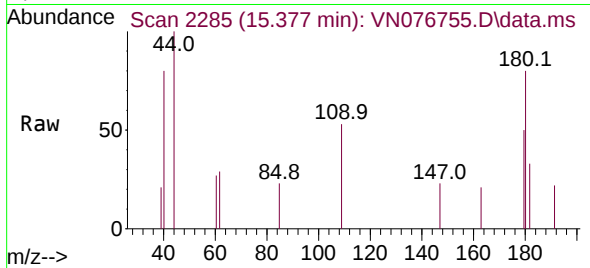
Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



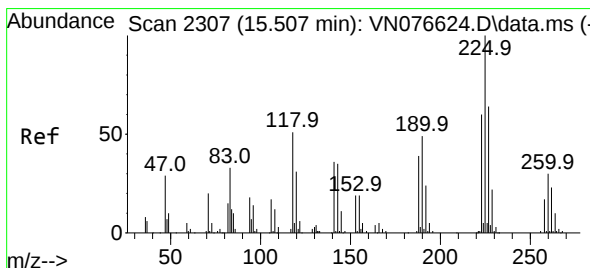
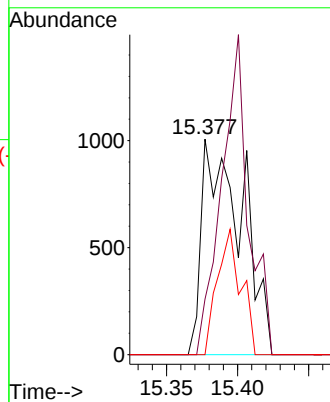
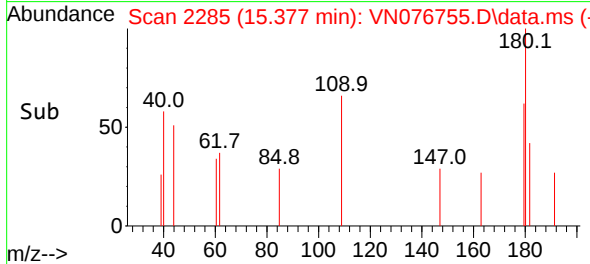
Tgt Ion:	180	Resp:	198
Ion Ratio	Lower	Upper	
180	100		
182	0.0	48.0	144.0
145	0.0	15.2	45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#94

Hexachlorobutadiene

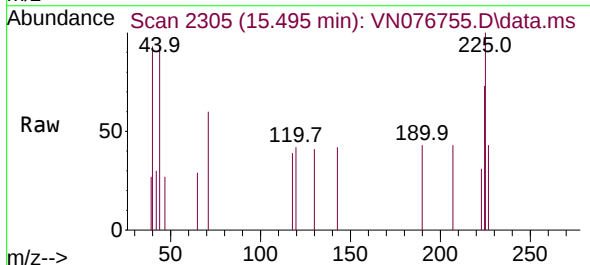
Concen: 0.858 ug/l

RT: 15.495 min Scan# 2305

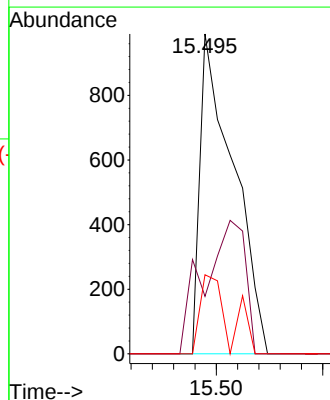
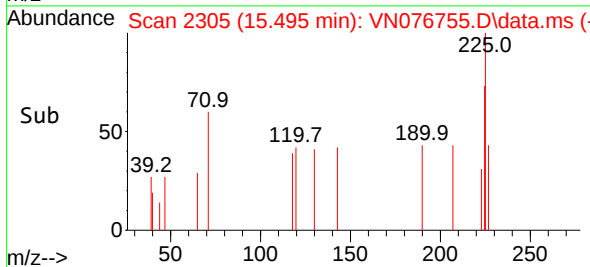
Delta R.T. -0.012 min

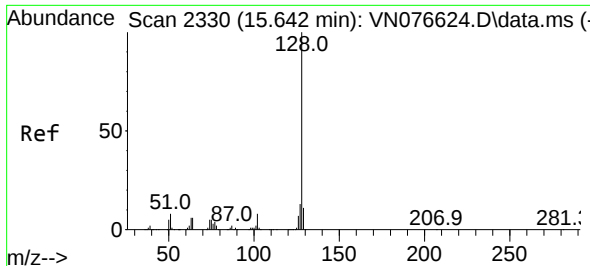
Lab File: VN076755.D

Acq: 21 Feb 2023 17:13



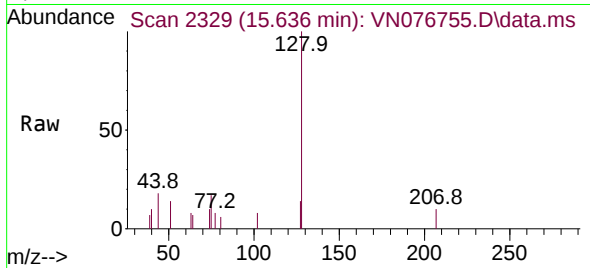
Tgt Ion:	225	Resp:	1076
Ion Ratio	Lower	Upper	
225	100		
223	51.4	31.6	95.0
227	21.4	31.3	93.9





#95
Naphthalene
Concen: 0.618 ug/l
RT: 15.636 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

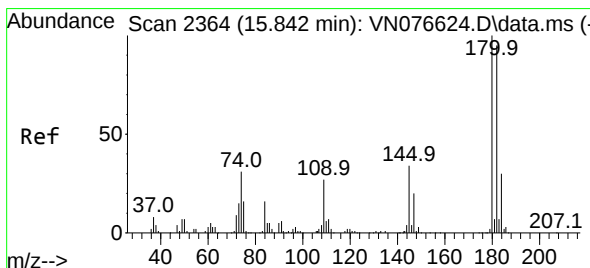
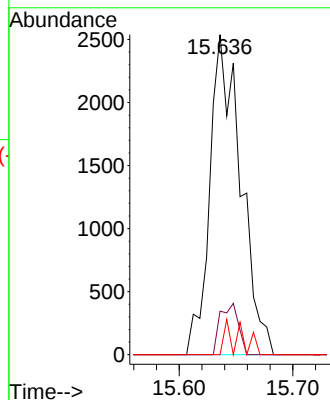
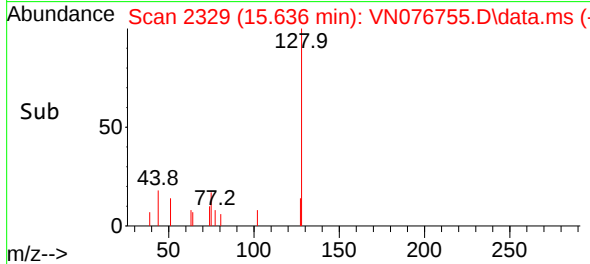
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 4798
Ion Ratio Lower Upper
128 100
127 9.4 10.6 16.0
129 2.1 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: 0.694 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:180 Resp: 1722
Ion Ratio Lower Upper
180 100
182 86.8 46.7 140.1
145 29.0 16.0 47.9

