

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069490.D
 Acq On : 15 Nov 2021 14:13
 Operator : JC/MD
 Sample : M4068-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:50:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1039186	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1766083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1528890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	528898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803814	53.347	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.700%			
35) Dibromofluoromethane	8.021	113	532290	50.253	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.500%			
50) Toluene-d8	10.440	98	2058992	49.425	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.731	95	631248	41.247	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 82.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	3777	0.340	ug/l	93
3) Chloromethane	2.303	50	6776	0.526	ug/l	99
4) Vinyl Chloride	2.451	62	4935	0.383	ug/l	90
5) Bromomethane	2.872	94	6725m	0.803	ug/l	
7) Trichlorofluoromethane	3.384	101	6928	0.348	ug/l	99
8) Diethyl Ether	3.824	74	2361	0.366	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.215	101	3508m	0.374	ug/l	
10) Methyl Iodide	4.422	142	4576	0.398	ug/l	# 42
15) Acrylonitrile	5.554	53	12095m	1.740	ug/l	
16) Acetone	4.296	43	19713	2.425	ug/l	93
17) Carbon Disulfide	4.527	76	8163	0.410	ug/l	99
18) Methyl Acetate	4.870	43	13417m	0.508	ug/l	
19) Methyl tert-butyl Ether	5.618	73	13001m	0.365	ug/l	
20) Methylene Chloride	5.095	84	6793	0.589	ug/l	# 82
21) trans-1,2-Dichloroethene	5.607	96	3842m	0.408	ug/l	
22) Diisopropyl ether	6.503	45	13269	0.331	ug/l	# 89
23) Vinyl Acetate	6.433	43	40918	1.319	ug/l	# 93
24) 1,1-Dichloroethane	6.388	63	7865	0.385	ug/l	# 93
25) 2-Butanone	7.348	43	21635	1.965	ug/l	90
26) 2,2-Dichloropropane	7.321	77	7200	0.450	ug/l	85
27) cis-1,2-Dichloroethene	7.324	96	4761m	0.408	ug/l	
28) Bromochloromethane	7.654	49	4332m	0.414	ug/l	
29) Tetrahydrofuran	7.691	42	13004m	1.925	ug/l	
30) Chloroform	7.815	83	8293	0.396	ug/l	99
31) Cyclohexane	8.083	56	34342	1.668	ug/l	# 48
36) 1,1-Dichloropropene	8.225	75	7004	0.471	ug/l	# 49
38) Carbon Tetrachloride	8.212	117	6107m	0.426	ug/l	
39) Methylcyclohexane	9.456	83	6403	0.346	ug/l	95
40) Benzene	8.461	78	17673	0.385	ug/l	96
41) Methacrylonitrile	7.627	41	3049	0.294	ug/l	# 67
42) 1,2-Dichloroethane	8.536	62	8472	0.472	ug/l	93
43) Isopropyl Acetate	8.563	43	11357	0.352	ug/l	# 61
44) Trichloroethene	9.212	130	4696	0.428	ug/l	98
45) 1,2-Dichloropropane	9.486	63	4032	0.329	ug/l	97
46) Dibromomethane	9.574	93	3063	0.373	ug/l	# 86
47) Bromodichloromethane	9.764	83	4956	0.324	ug/l	# 90

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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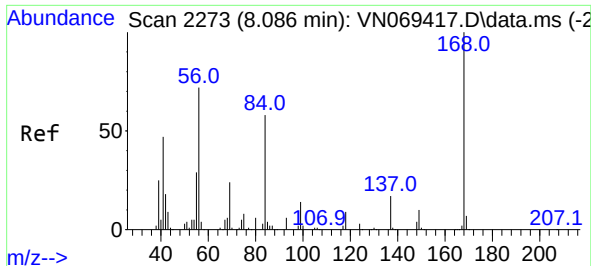
Quant Time: Nov 16 00:50:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
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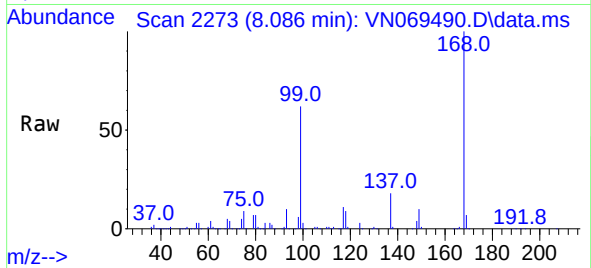
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	9.566	41	4842	0.319	ug/l	92
49) 1,4-Dioxane	9.569	88	1845m	44.952	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	34797	1.671	ug/l	91
52) Toluene	10.505	92	10557	0.369	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	4565	2.867	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	5712	2.011	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	4285	0.372	ug/l	93
56) Ethyl methacrylate	10.759	69	5780	2.308	ug/l #	72
57) 1,3-Dichloropropane	11.046	76	6882	0.340	ug/l #	82
58) 2-Chloroethyl Vinyl ether	10.043	63	5328	23.638	ug/l	97
59) 2-Hexanone	11.087	43	25669	9.355	ug/l	86
60) Dibromochloromethane	11.237	129	2577	2.611	ug/l	97
61) 1,2-Dibromoethane	11.347	107	3439	1.333	ug/l	84
64) Tetrachloroethene	10.977	164	3875	0.420	ug/l #	87
65) Chlorobenzene	11.771	112	11393	0.400	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.843	131	2875	0.291	ug/l #	66
67) Ethyl Benzene	11.846	91	19280	0.367	ug/l	90
68) m/p-Xylenes	11.953	106	12147	0.629	ug/l	85
69) o-Xylene	12.277	106	6595	0.343	ug/l	91
70) Styrene	12.294	104	9500	1.787	ug/l	95
71) Bromoform	12.463	173	1732	3.616	ug/l #	29
73) Isopropylbenzene	12.581	105	15460	0.367	ug/l	100
74) N-ethyl acetate	12.398	43	7353	0.412	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.827	83	6285	0.443	ug/l	93
77) Bromobenzene	12.859	156	4171	0.433	ug/l	85
78) n-propylbenzene	12.921	91	18893	0.399	ug/l	93
79) 2-Chlorotoluene	13.007	91	12127	0.413	ug/l	94
80) 1,3,5-Trimethylbenzene	13.063	105	12533	0.368	ug/l	100
82) 4-Chlorotoluene	13.106	91	11489	0.411	ug/l	93
83) tert-Butylbenzene	13.326	119	11203	0.376	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	12439	0.378	ug/l	99
85) sec-Butylbenzene	13.503	105	14798	0.355	ug/l	99
86) p-Isopropyltoluene	13.613	119	10968	0.332	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	6874	0.412	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	7199m	0.439	ug/l	
89) n-Butylbenzene	13.943	91	10162	0.368	ug/l	100
90) Hexachloroethane	14.211	117	1626	2.418	ug/l	82
91) 1,2-Dichlorobenzene	13.989	146	6135	0.386	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.608	75	733	2.064	ug/l #	60
93) 1,2,4-Trichlorobenzene	15.265	180	3293	3.484	ug/l	91
94) Hexachlorobutadiene	15.370	225	1584	0.384	ug/l #	58
95) Naphthalene	15.507	128	9157	4.806	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.700	180	2940	3.515	ug/l	75

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

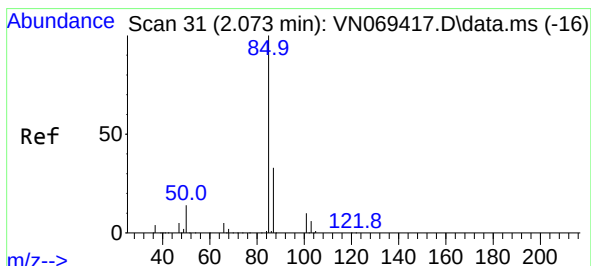
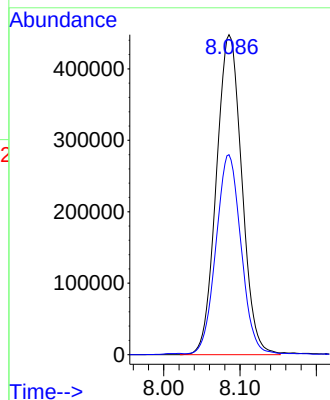
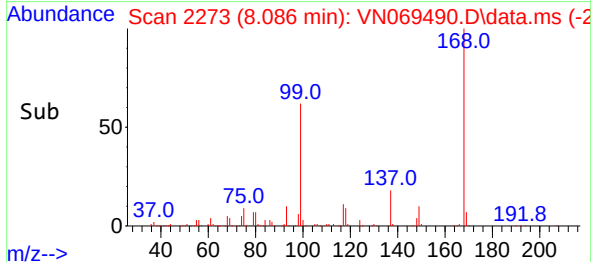
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:168 Resp: 1039180
Ion Ratio Lower Upper
168 100
99 62.1 41.3 61.9

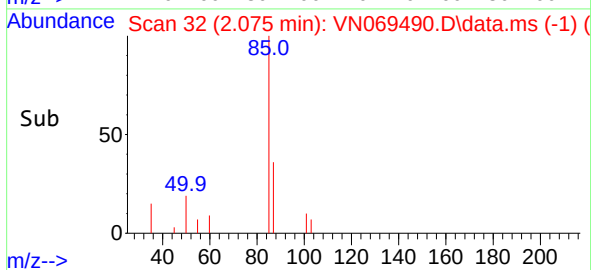
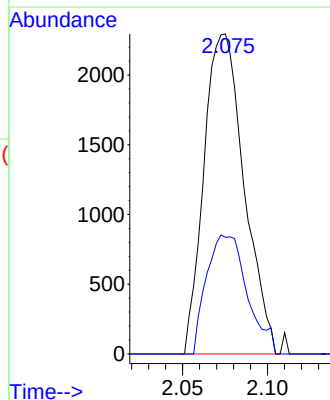
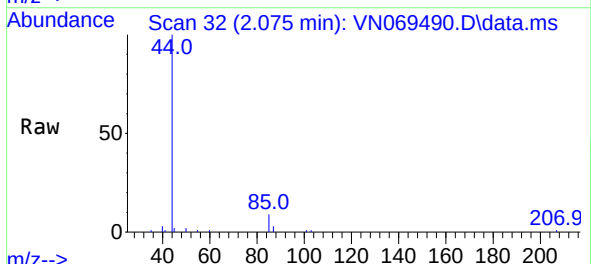
Manual Integrations
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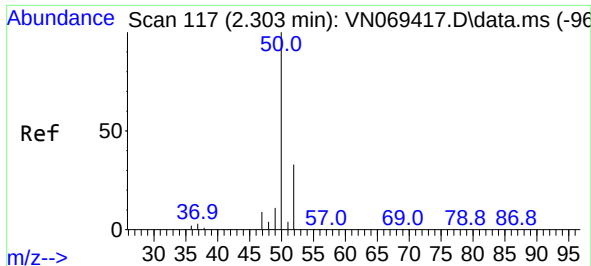
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#2
Dichlorodifluoromethane
Concen: 0.340 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

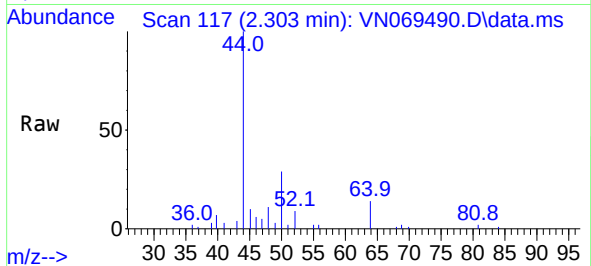
Tgt Ion: 85 Resp: 3777
Ion Ratio Lower Upper
85 100
87 36.5 16.3 48.9





#3
Chloromethane
Concen: 0.526 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

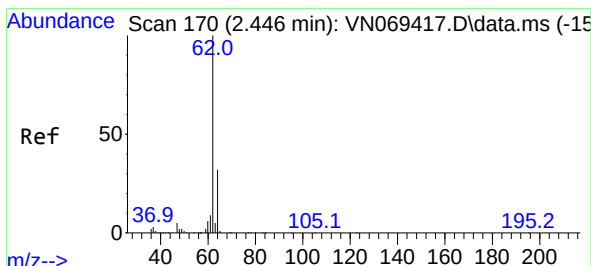
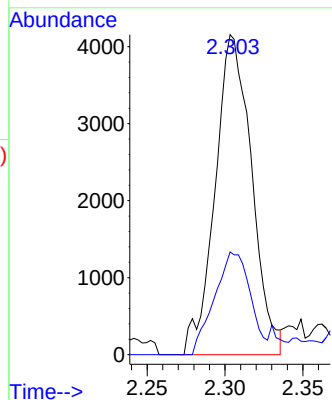
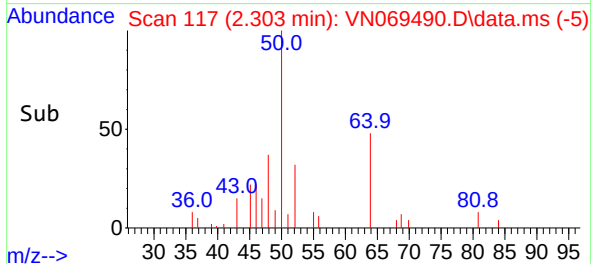
Instrument :
MSVOA_N
ClientSampleId :
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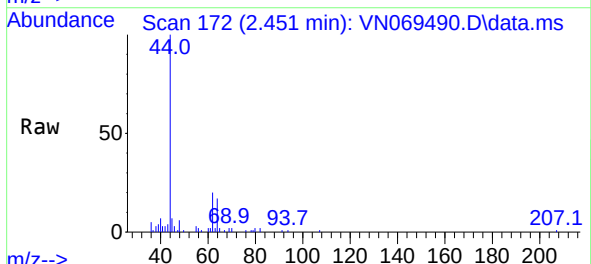
Tgt Ion: 50 Resp: 6770
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

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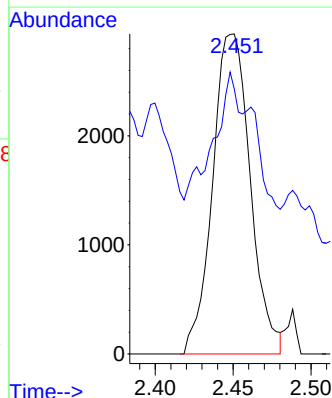
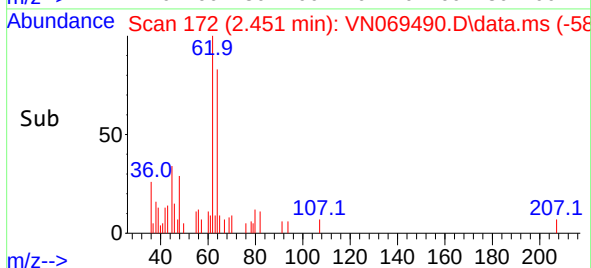
Reviewed By :John Carlone 11/16/2021
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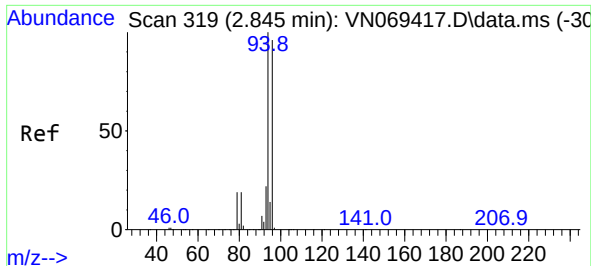


#4
Vinyl Chloride
Concen: 0.383 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



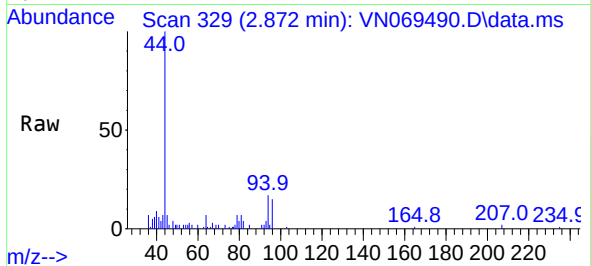
Tgt Ion: 62 Resp: 4935
Ion Ratio Lower Upper
62 100
64 37.6 25.8 38.6





#5
Bromomethane
Concen: 0.803 ug/l m
RT: 2.872 min Scan# 319
Delta R.T. 0.027 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

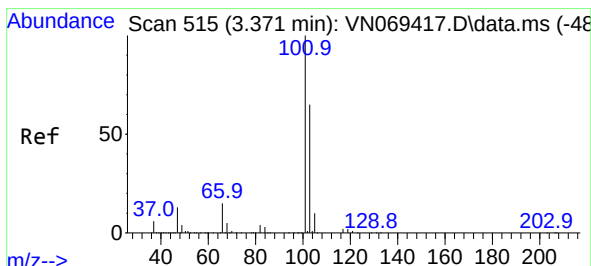
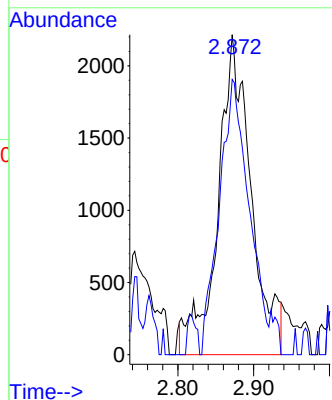
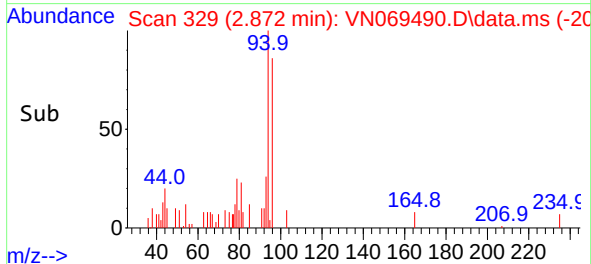
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 94 Resp: 6725
Ion Ratio Lower Upper
94 100
96 86.0 73.8 110.8

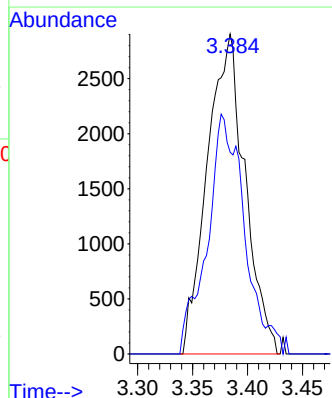
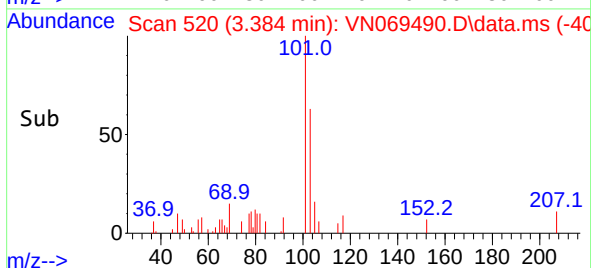
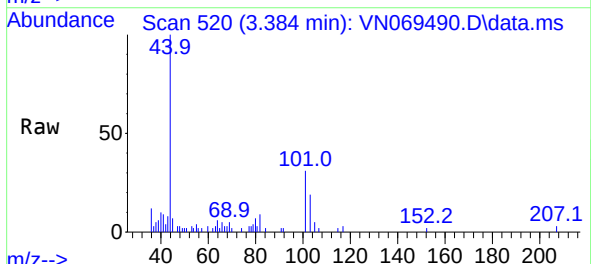
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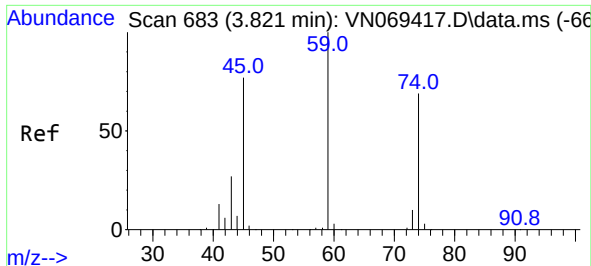
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#7
Trichlorofluoromethane
Concen: 0.348 ug/l
RT: 3.384 min Scan# 520
Delta R.T. 0.013 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion:101 Resp: 6928
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1





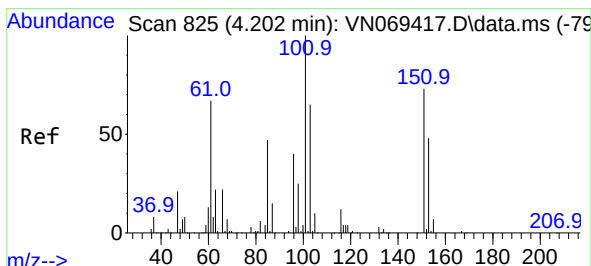
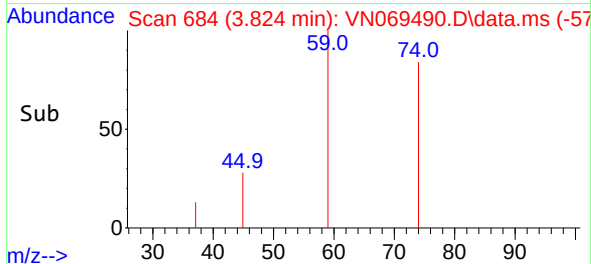
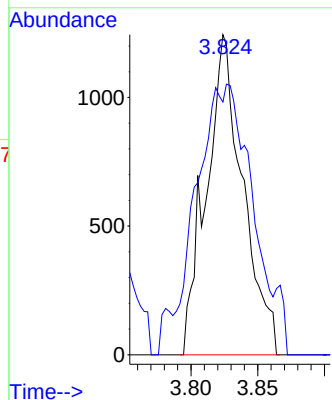
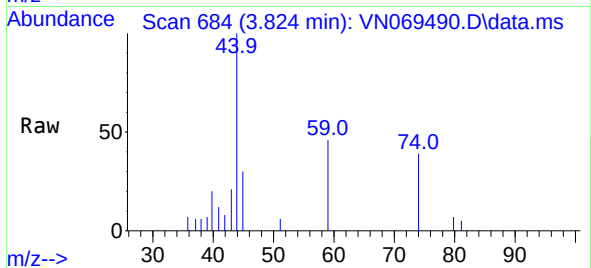
#8
Diethyl Ether
Concen: 0.366 ug/l
RT: 3.824 min Scan# 61
Delta R.T. 0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

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Tgt Ion: 74 Resp: 236
Ion Ratio Lower Upper
74 100
45 102.9 47.0 141.2

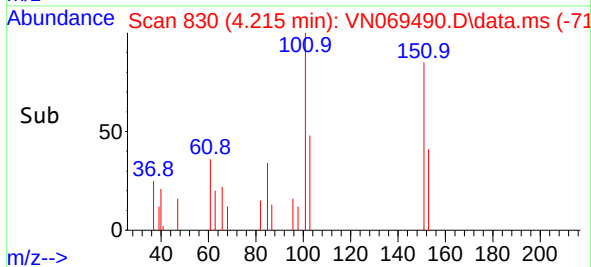
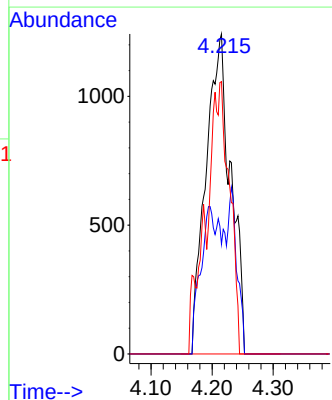
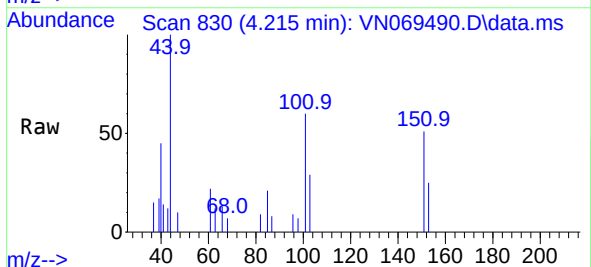
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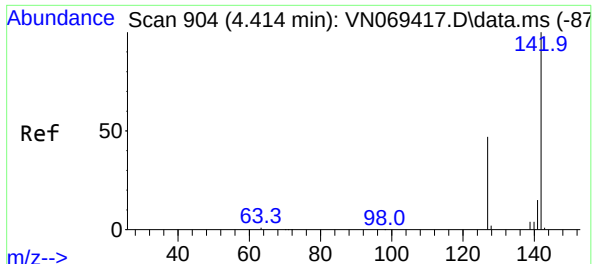
Reviewed By :John Carlone 11/16/2021
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.374 ug/l m
RT: 4.215 min Scan# 830
Delta R.T. 0.013 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

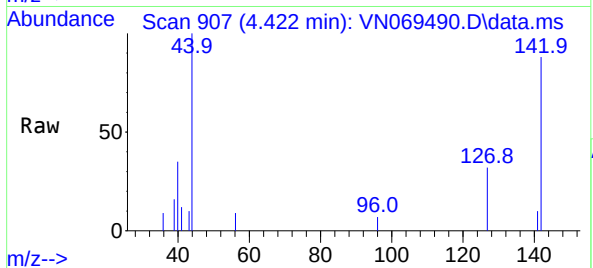
Tgt Ion:101 Resp: 3508
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 13.4 65.9 98.9#





#10
Methyl Iodide
Concen: 0.398 ug/l
RT: 4.422 min Scan# 904
Delta R.T. 0.008 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

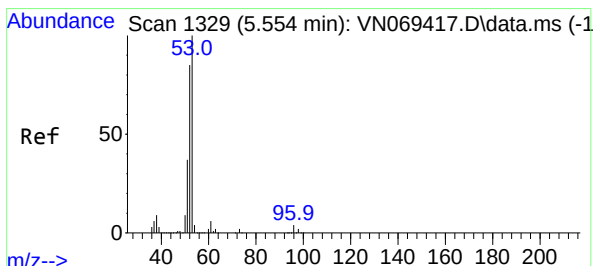
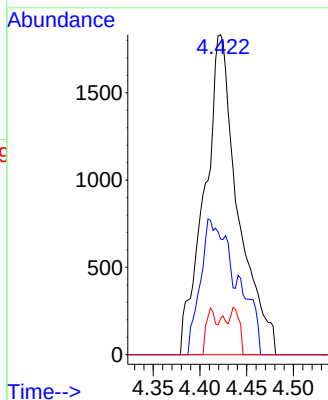
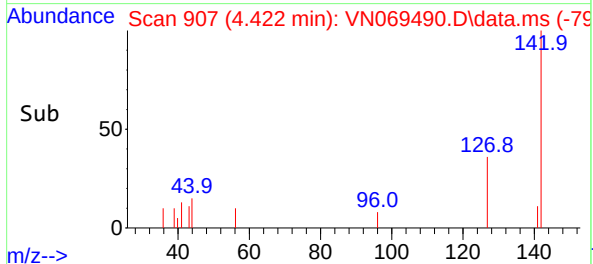
Instrument :
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LOD-MDL-WATER-01-QT4-2021



Tgt Ion:142 Resp: 4570
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.0#
141 4.0 11.6 17.4#

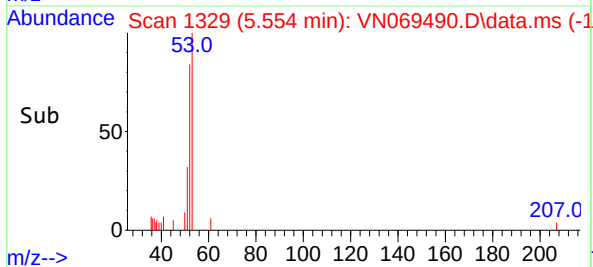
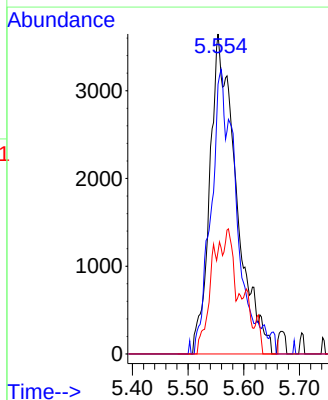
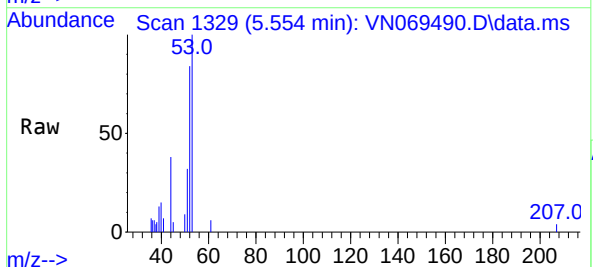
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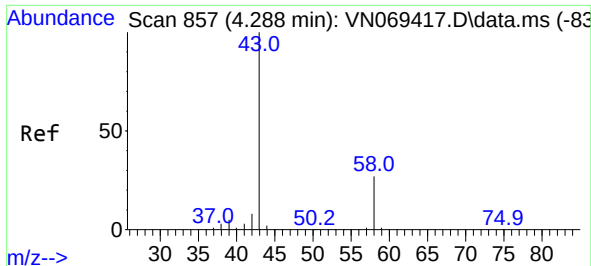
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#15
Acrylonitrile
Concen: 1.740 ug/l m
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 53 Resp: 12095
Ion Ratio Lower Upper
53 100
52 46.6 66.2 99.2#
51 10.7 29.6 44.4#





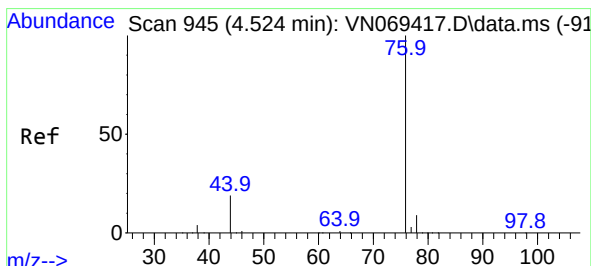
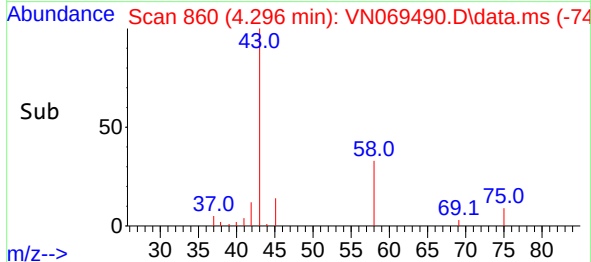
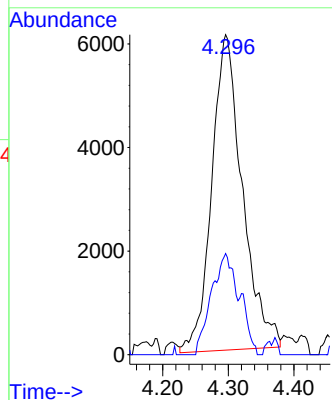
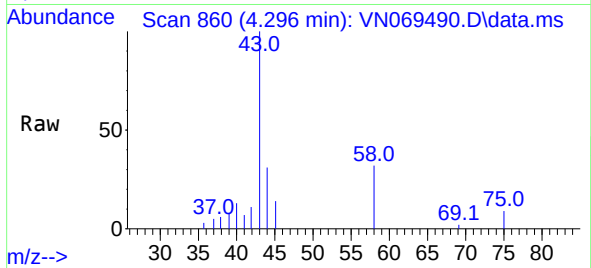
#16
Acetone
Concen: 2.425 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 32.4 23.1 34.7

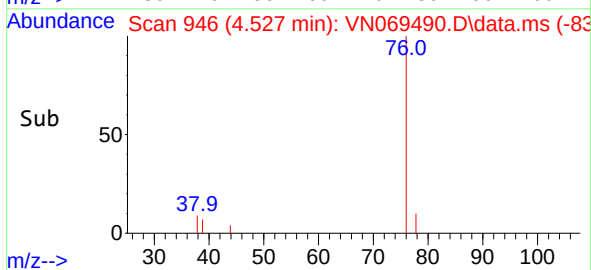
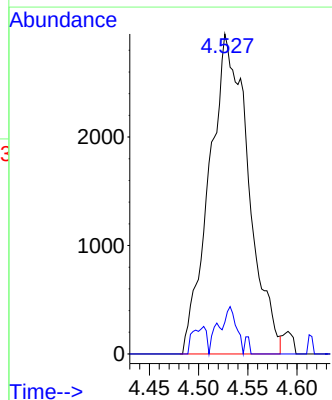
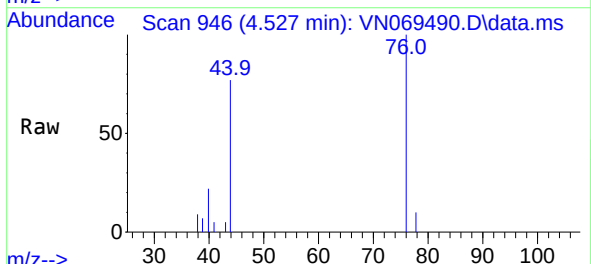
Manual Integrations
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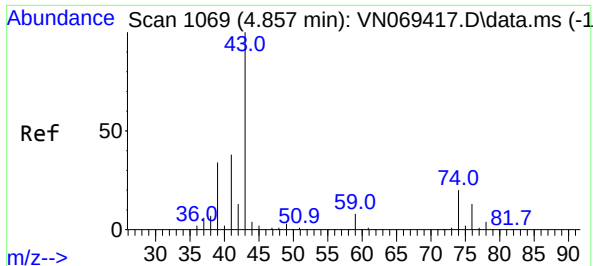
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#17
Carbon Disulfide
Concen: 0.410 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 76 Resp: 8163
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3





#18

Methyl Acetate

Concen: 0.508 ug/l m

RT: 4.870 min Scan# 1069

Delta R.T. 0.013 min

Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

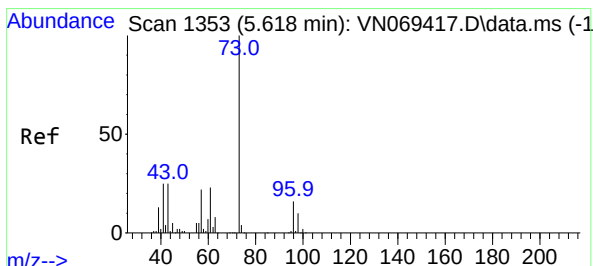
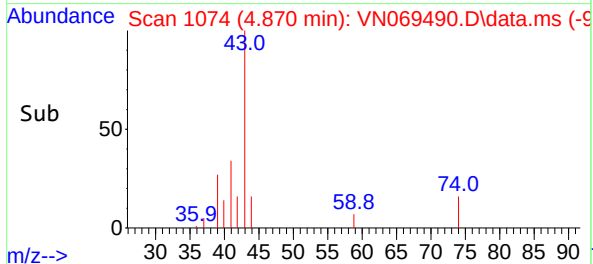
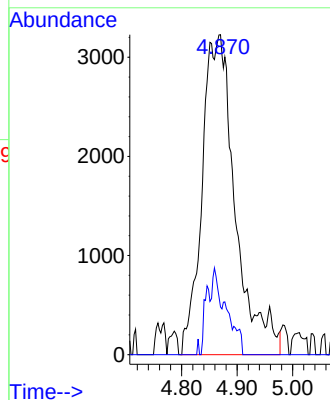
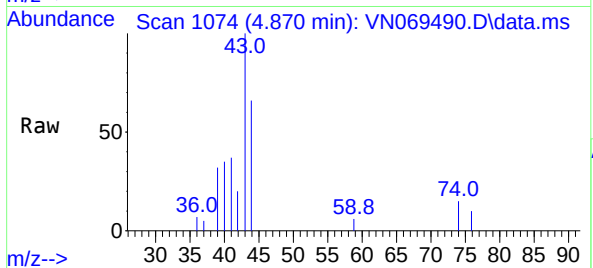
74 3.8 19.4 29.2

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#19

Methyl tert-butyl Ether

Concen: 0.365 ug/l m

RT: 5.618 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VN069490.D

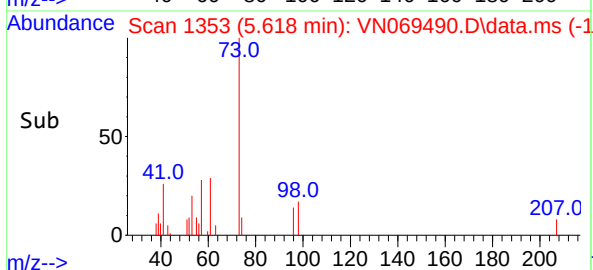
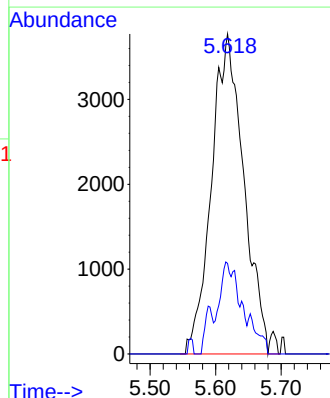
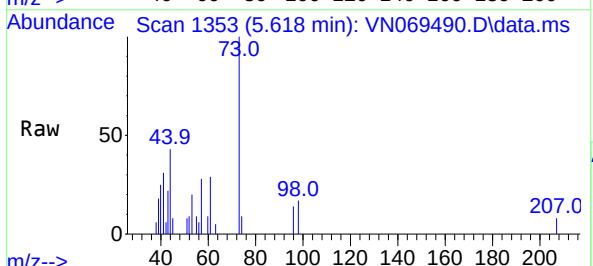
Acq: 15 Nov 2021 14:13

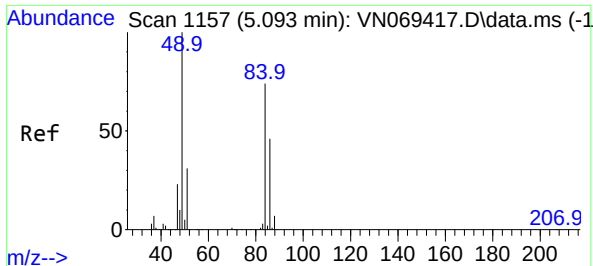
Tgt Ion: 73 Resp: 13001

Ion Ratio Lower Upper

73 100

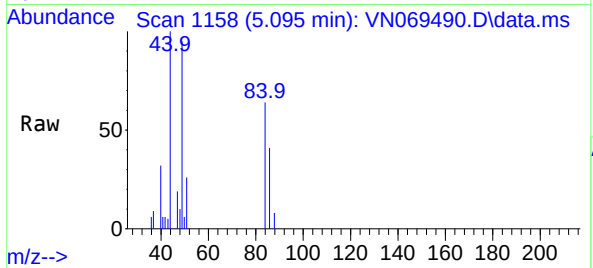
57 28.3 16.8 25.2





#20
Methylene Chloride
Concen: 0.589 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

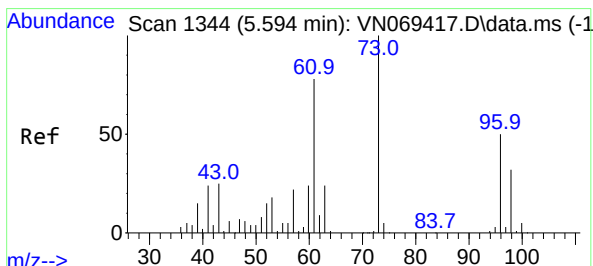
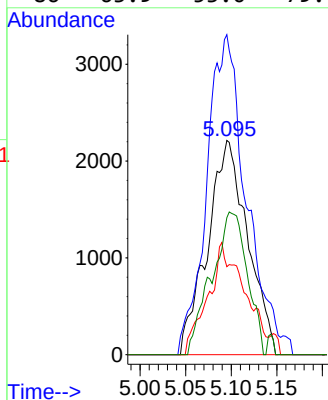
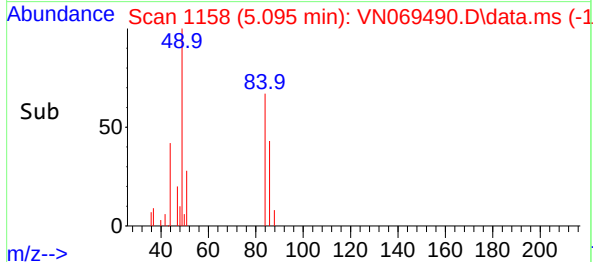


Tgt Ion: 84 Resp: 679

Ion	Ratio	Lower	Upper
84	100		
49	149.4	93.5	140.3
51	41.1	29.4	44.2
86	63.9	53.0	79.4

Manual Integrations
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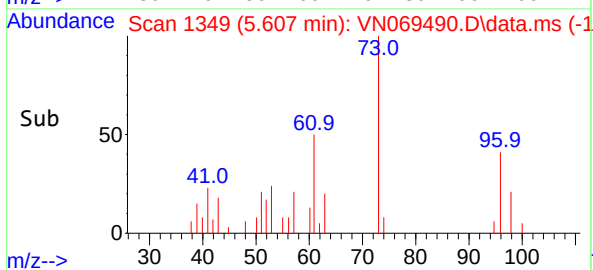
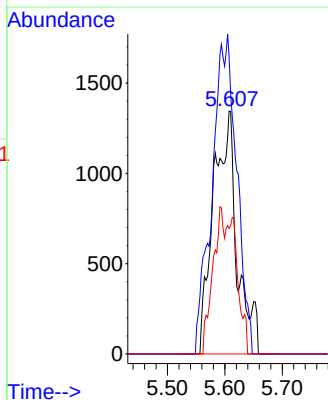
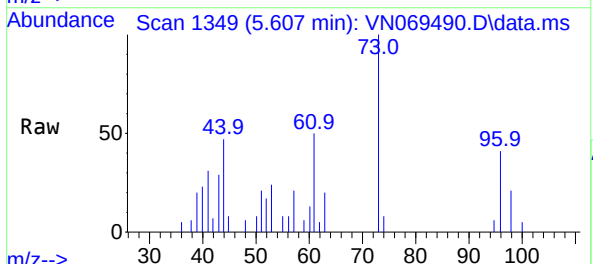
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

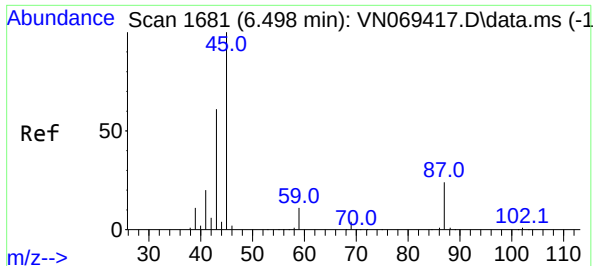


#21
trans-1,2-Dichloroethene
Concen: 0.408 ug/l m
RT: 5.607 min Scan# 1349
Delta R.T. 0.013 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 96 Resp: 3842

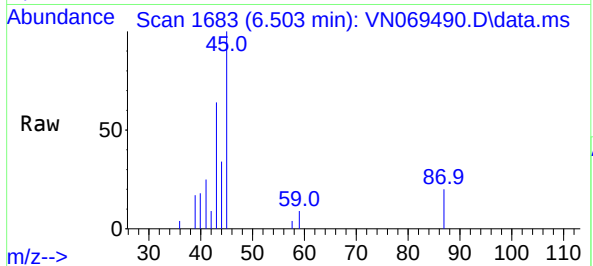
Ion	Ratio	Lower	Upper
96	100		
61	122.5	105.8	158.6
98	51.7	52.0	78.0





#22
Diisopropyl ether
Concen: 0.331 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

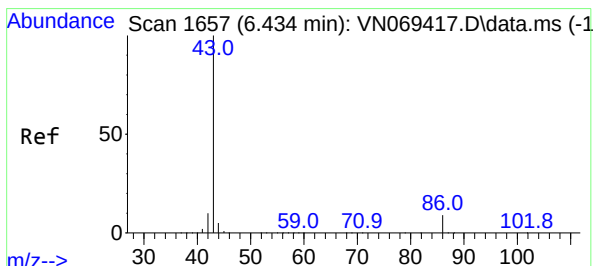
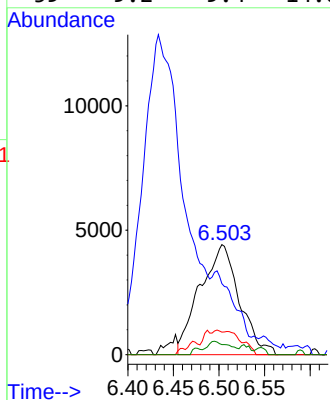
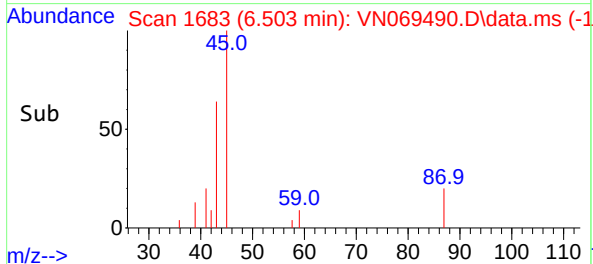
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



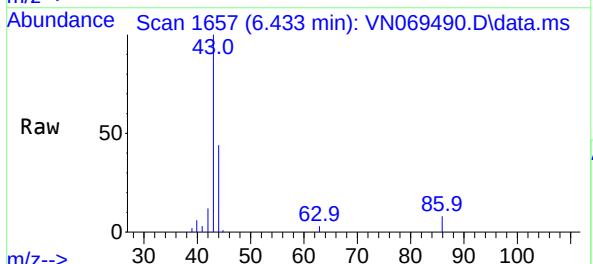
Tgt Ion: 45 Resp: 13269
Ion Ratio Lower Upper
45 100
43 57.0 51.7 77.5
87 20.5 23.2 34.8
59 9.2 9.4 14.0#

Manual Integrations
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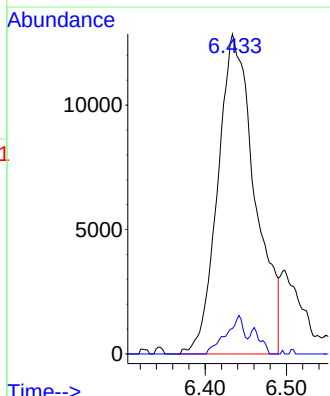
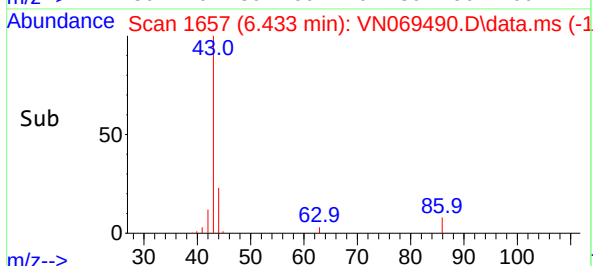
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

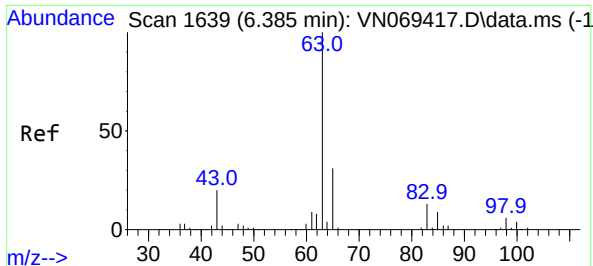


#23
Vinyl Acetate
Concen: 1.319 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.001 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



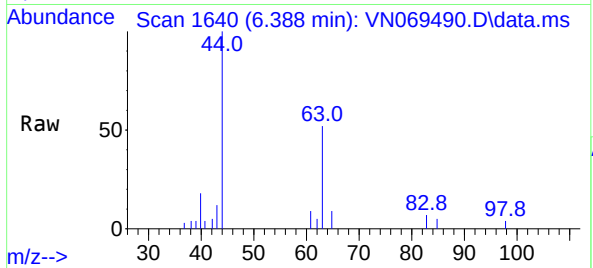
Tgt Ion: 43 Resp: 40918
Ion Ratio Lower Upper
43 100
86 8.0 8.5 12.7#





#24
1,1-Dichloroethane
Concen: 0.385 ug/l
RT: 6.388 min Scan# 1639
Delta R.T. 0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

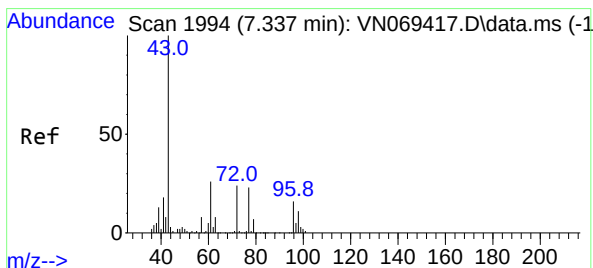
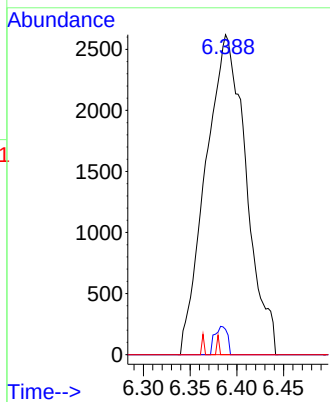
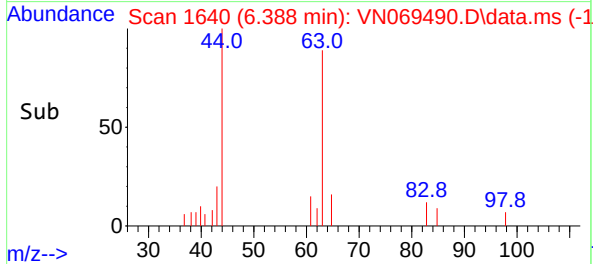
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 63 Resp: 786
Ion Ratio Lower Upper
63 100
98 7.9 3.3 9.9
100 0.0 2.1 6.5

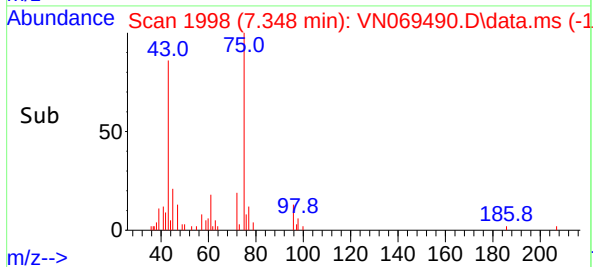
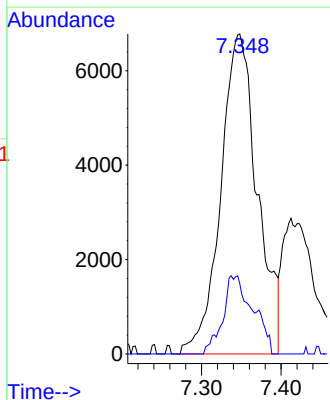
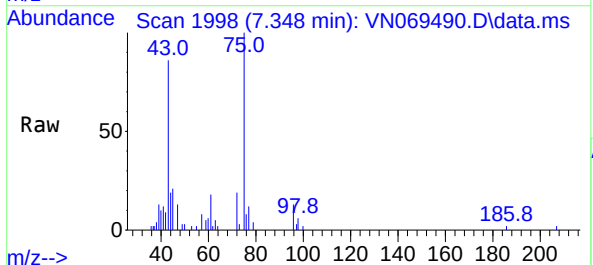
Manual Integrations
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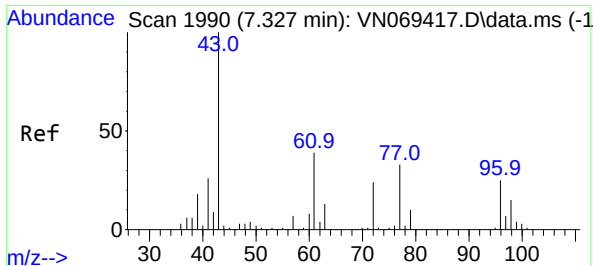
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#25
2-Butanone
Concen: 1.965 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 43 Resp: 21635
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5





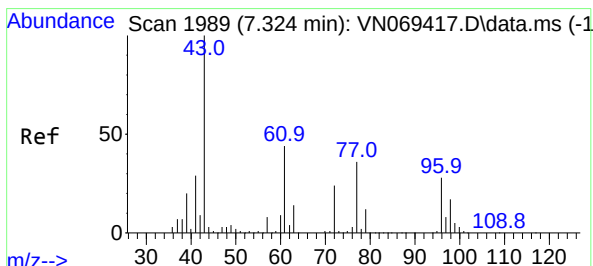
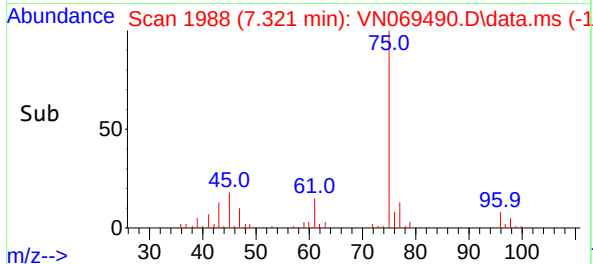
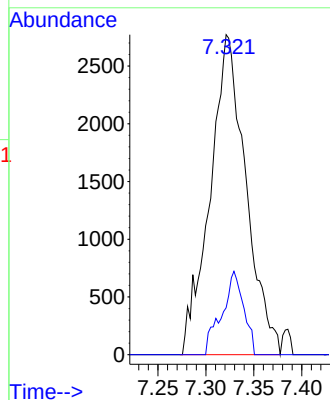
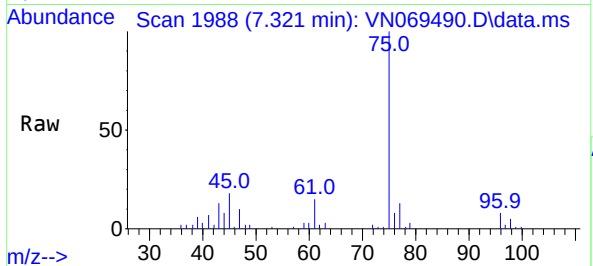
#26
2,2-Dichloropropane
Concen: 0.450 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 77 Resp: 7200
Ion Ratio Lower Upper
77 100
97 15.8 11.6 34.8

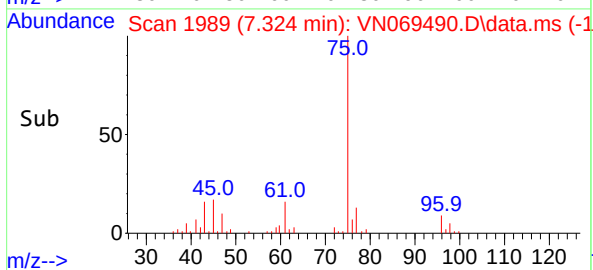
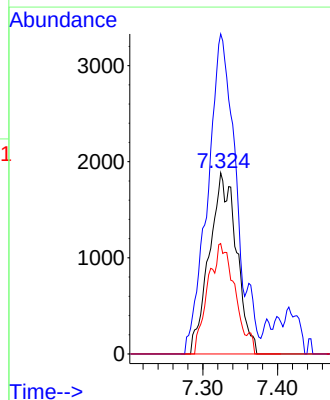
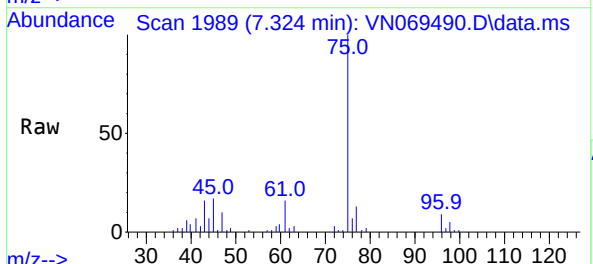
Manual Integrations
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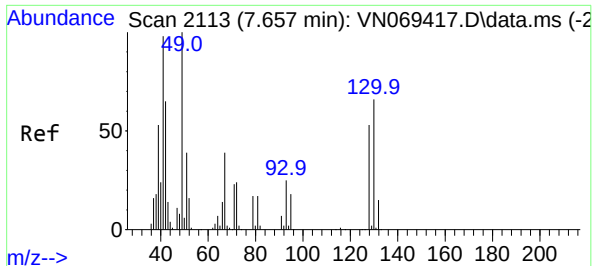
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#27
cis-1,2-Dichloroethene
Concen: 0.408 ug/l m
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 96 Resp: 4761
Ion Ratio Lower Upper
96 100
61 172.7 0.0 275.0
98 58.6 0.0 129.6





#28

Bromochloromethane

Concen: 0.414 ug/l m

RT: 7.654 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 49 Resp: 433

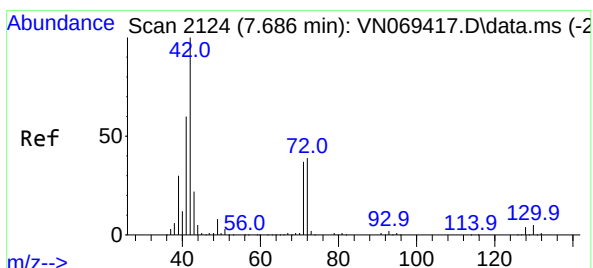
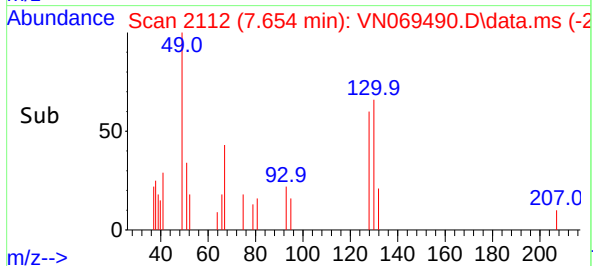
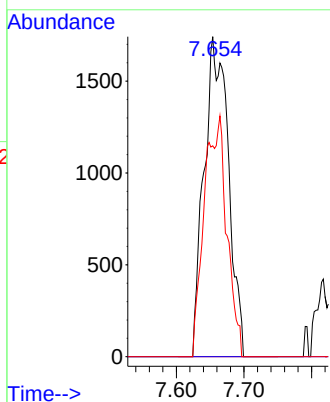
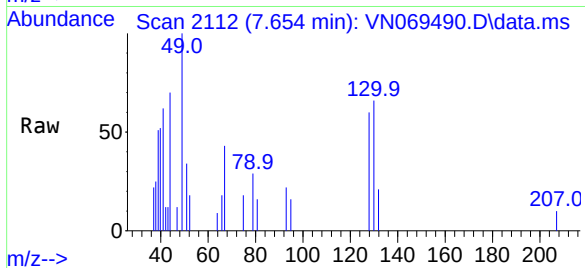
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	35.2	67.8	101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#29

Tetrahydrofuran

Concen: 1.925 ug/l m

RT: 7.691 min Scan# 2126

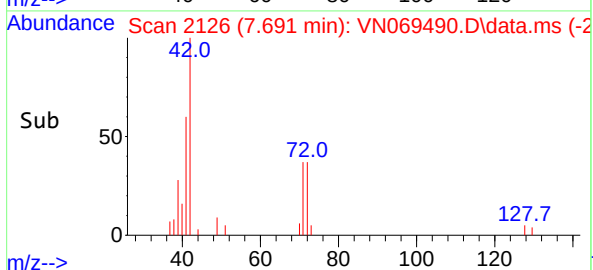
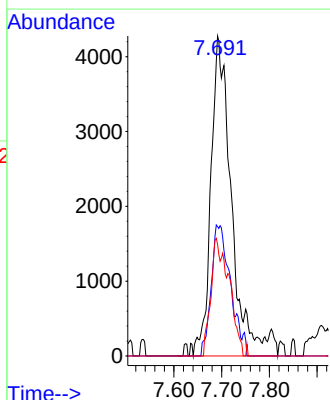
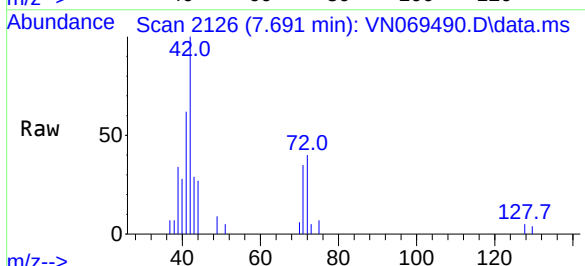
Delta R.T. 0.005 min

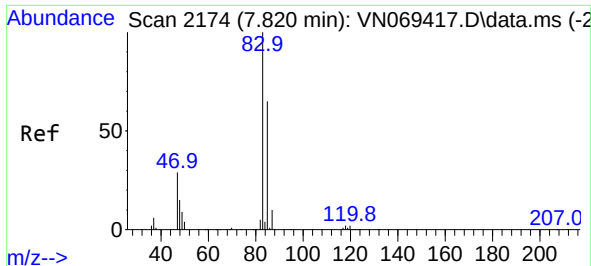
Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

Tgt Ion: 42 Resp: 13004

Ion	Ratio	Lower	Upper
42	100		
72	36.7	36.3	54.5
71	15.8	34.7	52.1





#30

Chloroform

Concen: 0.396 ug/l

RT: 7.815 min Scan# 2174

Delta R.T. -0.005 min

Lab File: VN069490.D

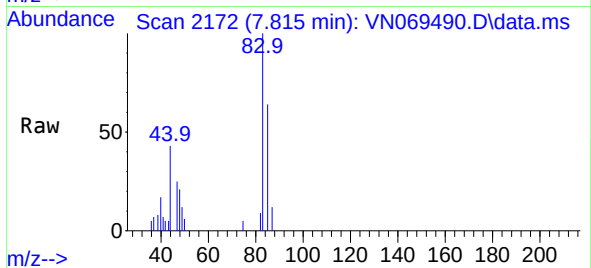
Acq: 15 Nov 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 829

Ion Ratio Lower Upper

83 100

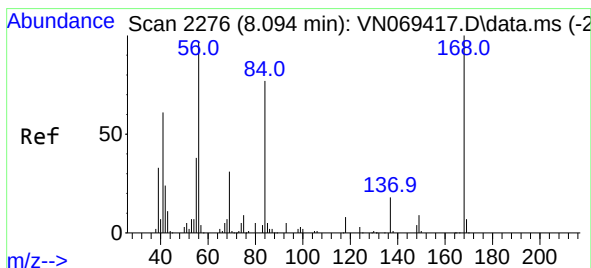
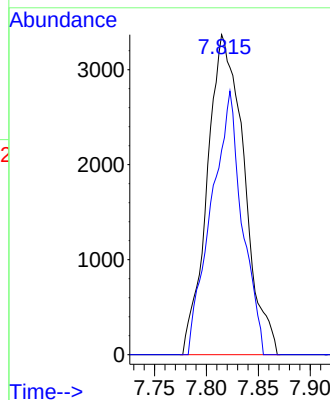
85 63.9 51.9 77.9

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#31

Cyclohexane

Concen: 1.668 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

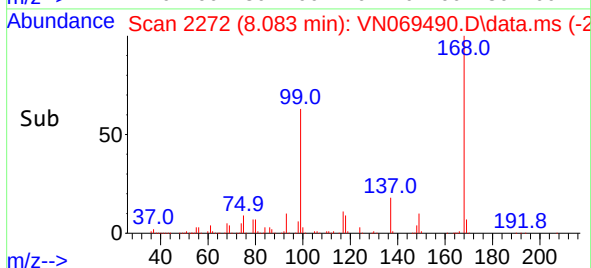
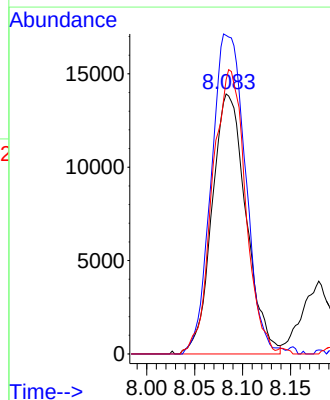
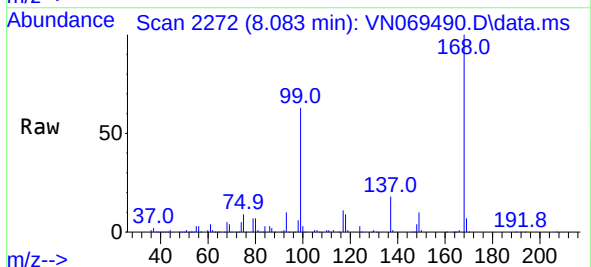
Tgt Ion: 56 Resp: 34342

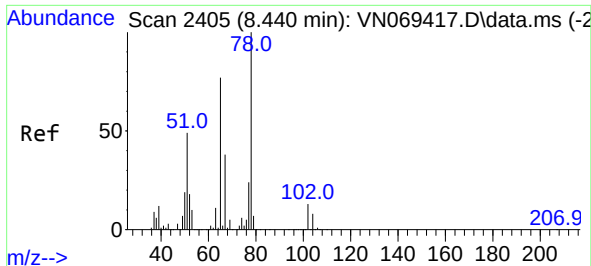
Ion Ratio Lower Upper

56 100

69 122.5 27.1 40.7#

84 105.5 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 53.347 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 65 Resp: 803814

Ion Ratio Lower Upper

65 100

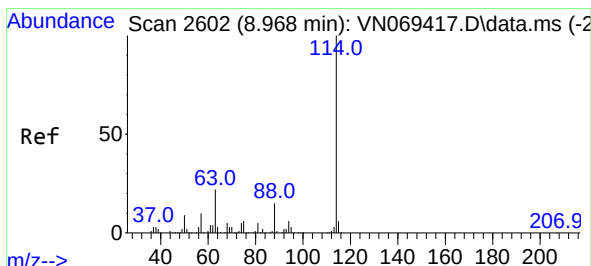
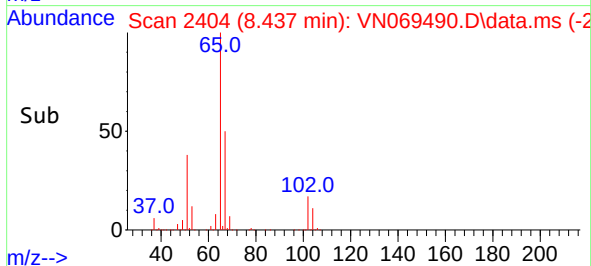
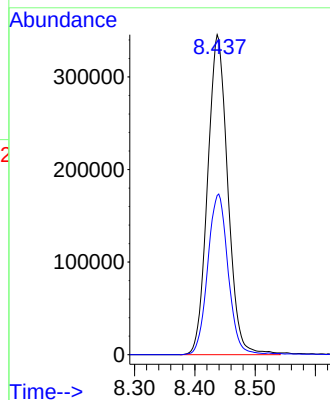
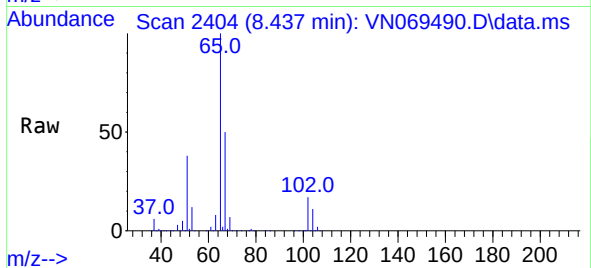
67 50.5 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

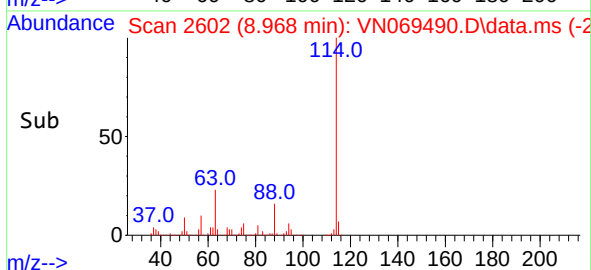
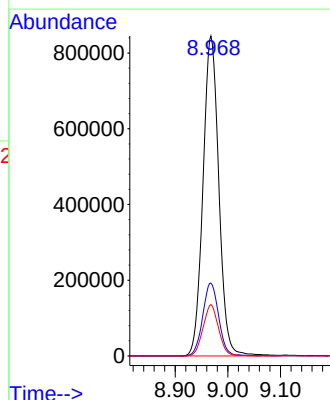
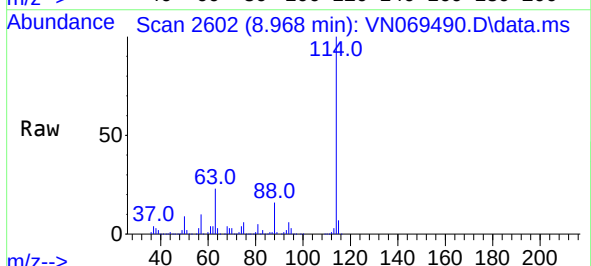
Tgt Ion:114 Resp: 1766083

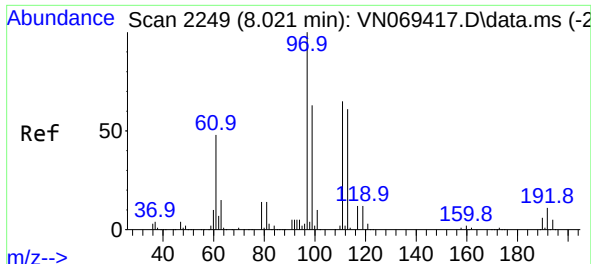
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

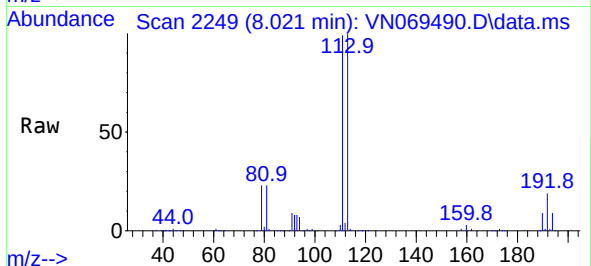
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.253 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

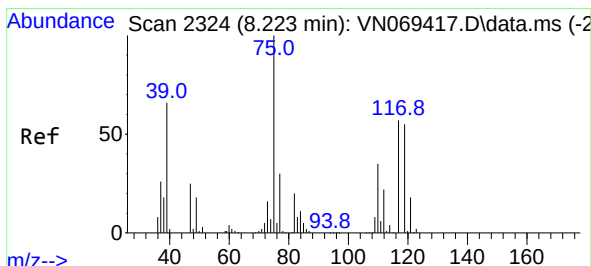
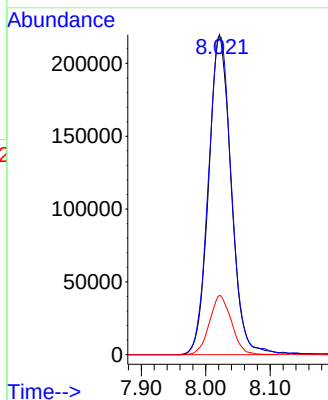
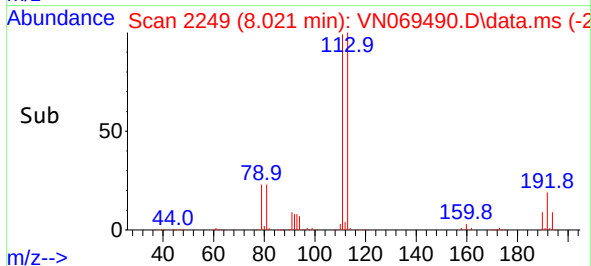
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



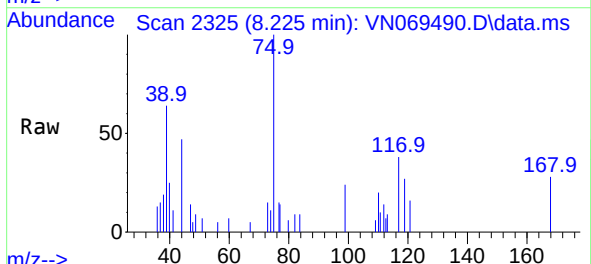
Tgt Ion:113 Resp: 532290
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.2 16.9 25.3

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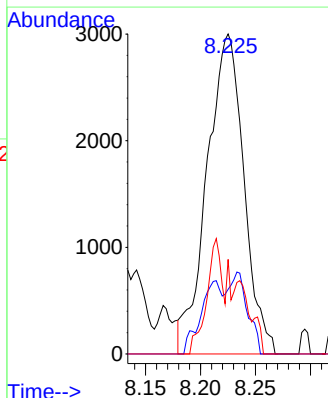
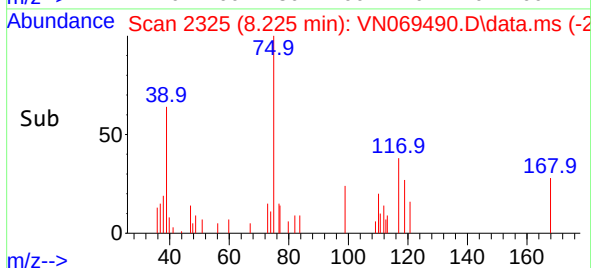
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

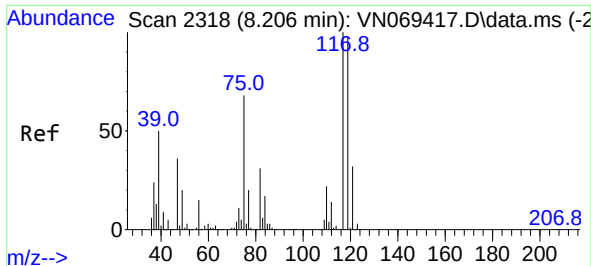


#36
1,1-Dichloropropene
Concen: 0.471 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



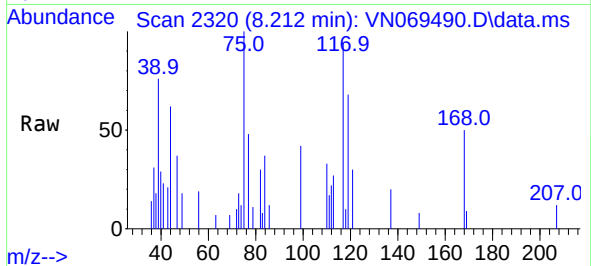
Tgt Ion: 75 Resp: 7004
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.2#
77 9.5 24.4 36.6#





#38
Carbon Tetrachloride
Concen: 0.426 ug/l m
RT: 8.212 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

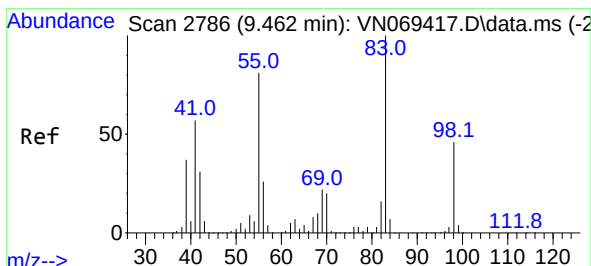
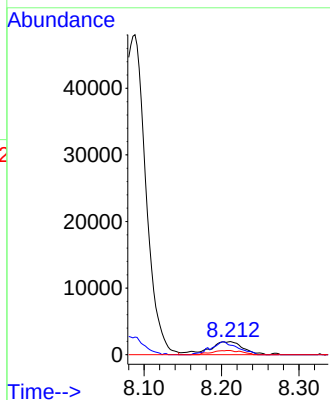
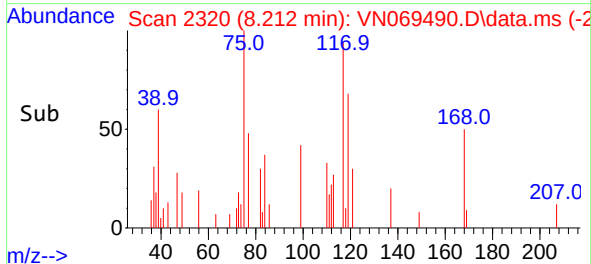
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 117 Resp: 610
Ion Ratio Lower Upper
117 100
119 72.5 76.1 114.1
121 32.0 24.2 36.2

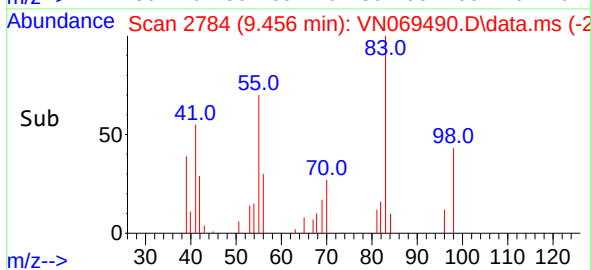
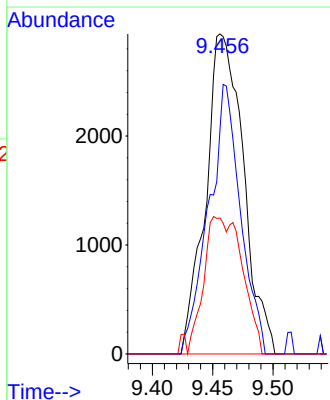
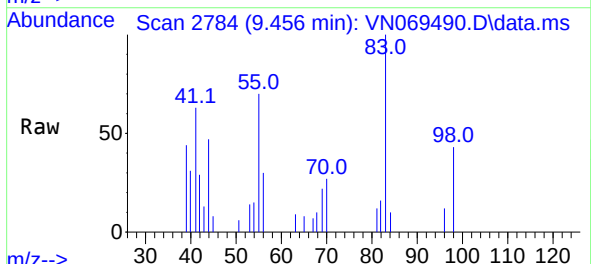
Manual Integrations
APPROVED

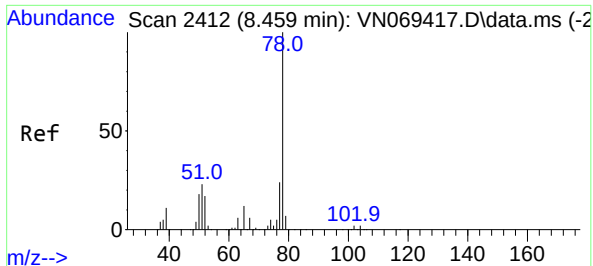
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#39
Methylcyclohexane
Concen: 0.346 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.006 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 83 Resp: 6403
Ion Ratio Lower Upper
83 100
55 70.0 58.1 87.1
98 42.5 38.4 57.6





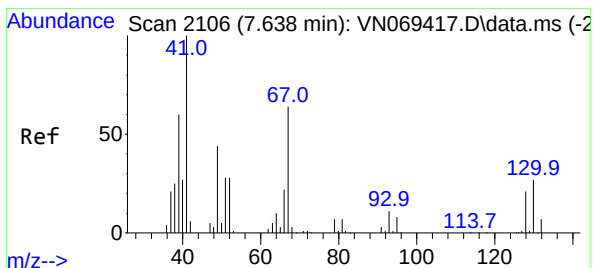
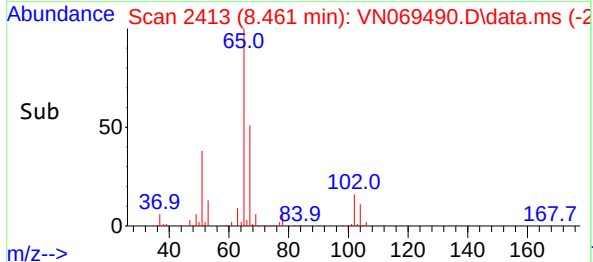
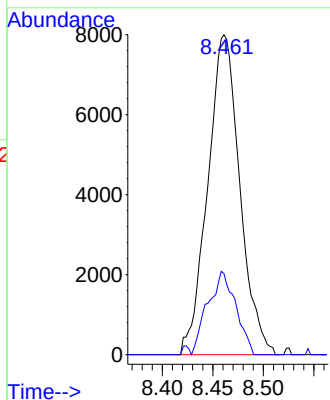
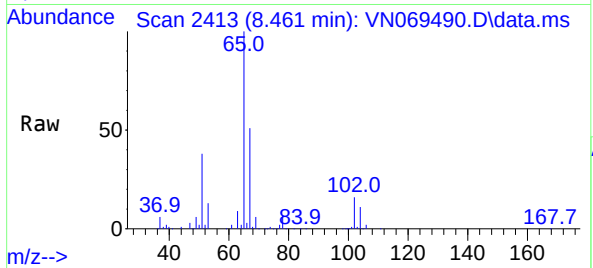
#40
Benzene
Concen: 0.385 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 78 Resp: 1767
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8

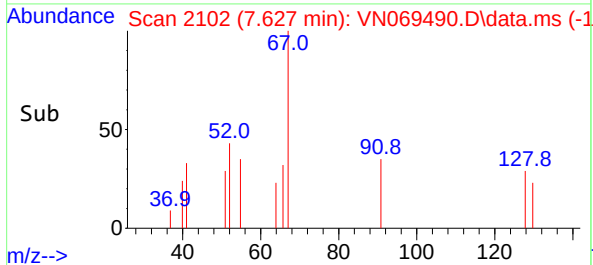
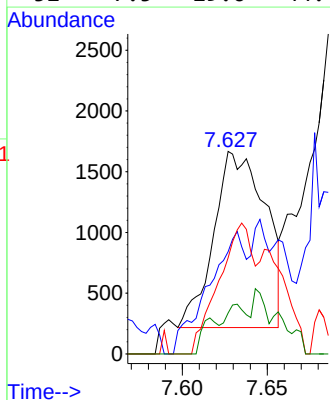
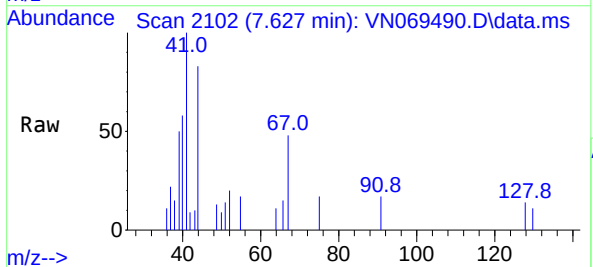
Manual Integrations
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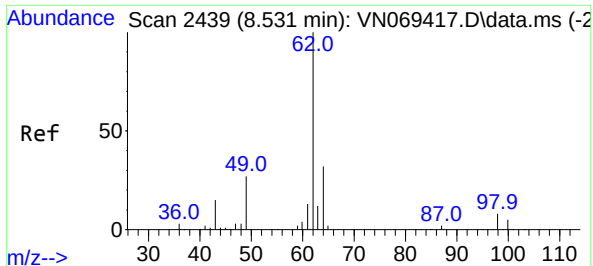
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#41
Methacrylonitrile
Concen: 0.294 ug/l
RT: 7.627 min Scan# 2102
Delta R.T. -0.011 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 41 Resp: 3049
Ion Ratio Lower Upper
41 100
39 49.7 48.1 72.1
67 49.2 68.3 102.5#
52 7.5 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 0.472 ug/l

RT: 8.536 min Scan# 2441

Delta R.T. 0.005 min

Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 62 Resp: 8472

Ion Ratio Lower Upper

62 100

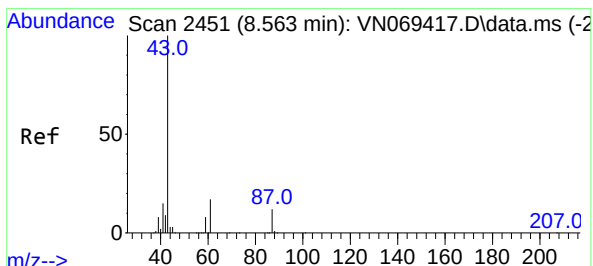
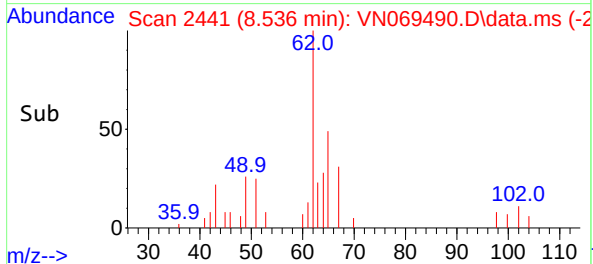
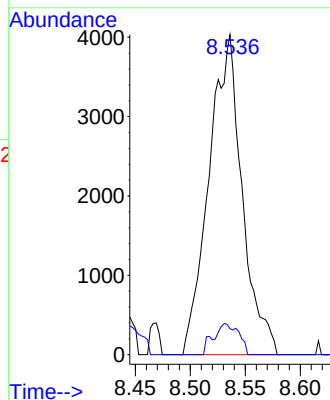
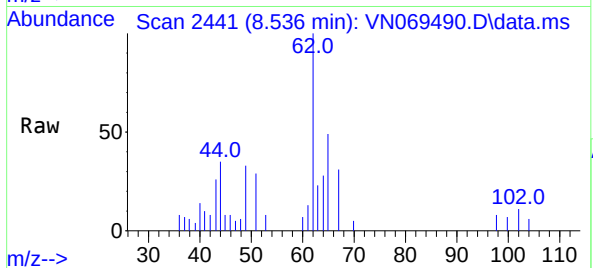
98 6.1 0.0 17.6

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#43

Isopropyl Acetate

Concen: 0.352 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VN069490.D

Acq: 15 Nov 2021 14:13

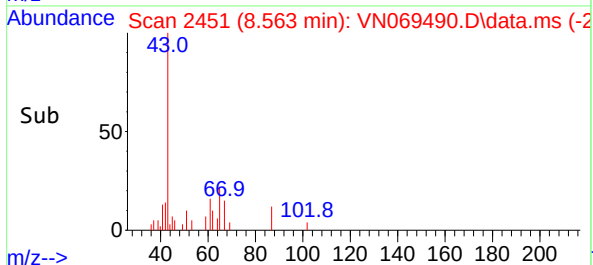
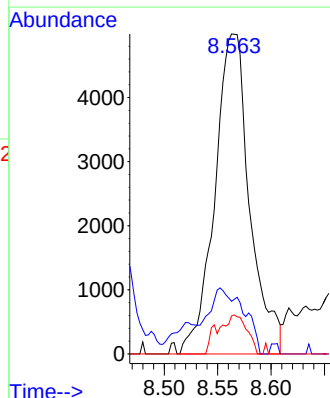
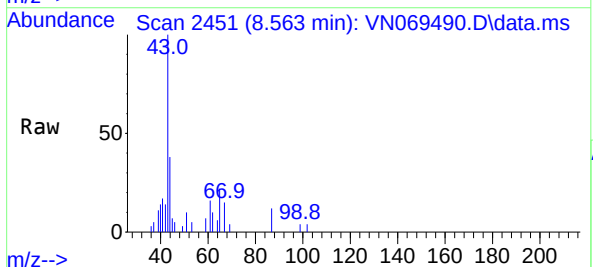
Tgt Ion: 43 Resp: 11357

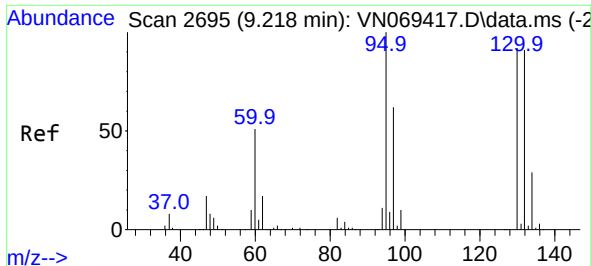
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

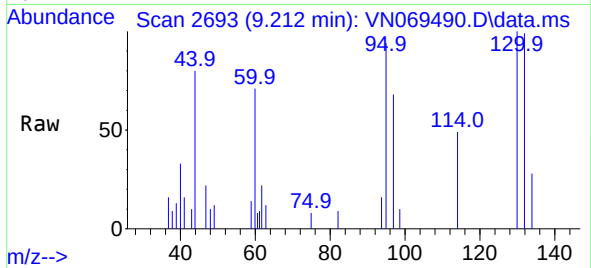
87 6.3 11.2 16.8#





#44
Trichloroethene
Concen: 0.428 ug/l
RT: 9.212 min Scan# 2695
Delta R.T. -0.006 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

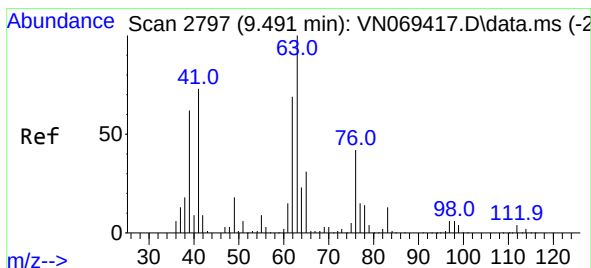
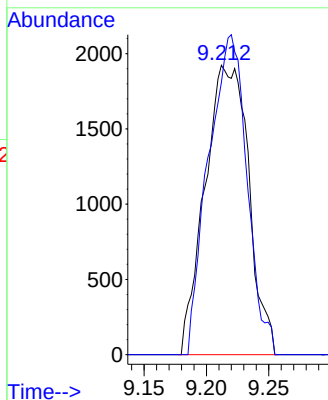
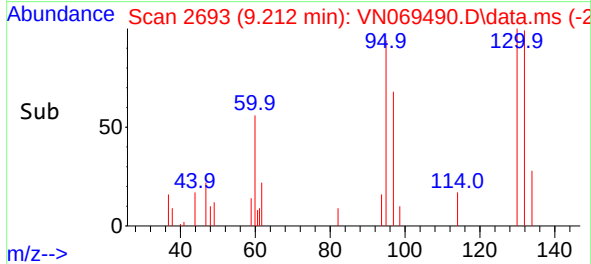
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



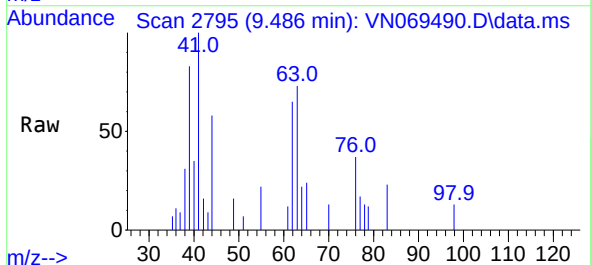
Tgt Ion:130 Resp: 4690
Ion Ratio Lower Upper
130 100
95 94.1 0.0 191.2

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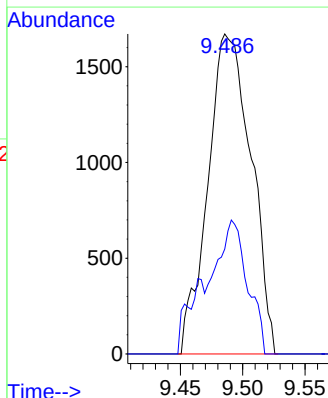
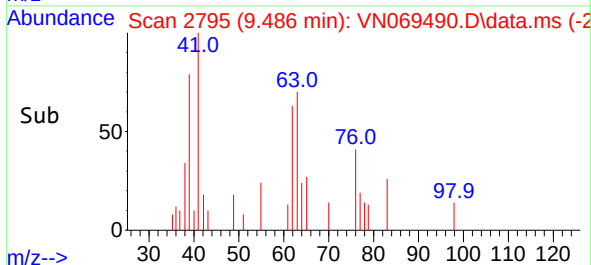
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

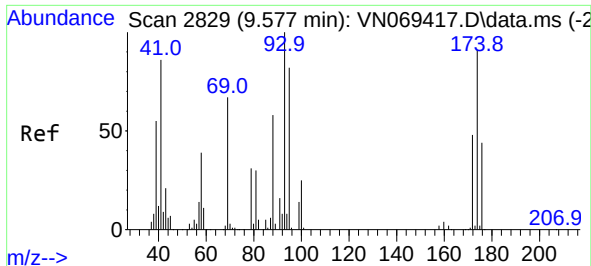


#45
1,2-Dichloropropane
Concen: 0.329 ug/l
RT: 9.486 min Scan# 2795
Delta R.T. -0.005 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



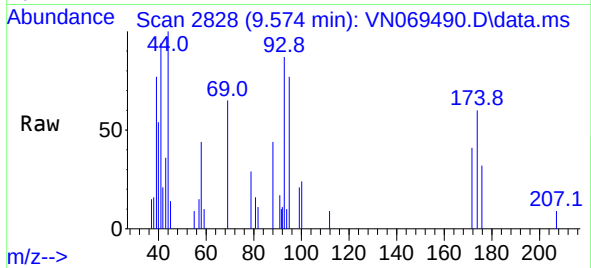
Tgt Ion: 63 Resp: 4032
Ion Ratio Lower Upper
63 100
65 32.8 24.7 37.1





#46
Dibromomethane
Concen: 0.373 ug/l
RT: 9.574 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

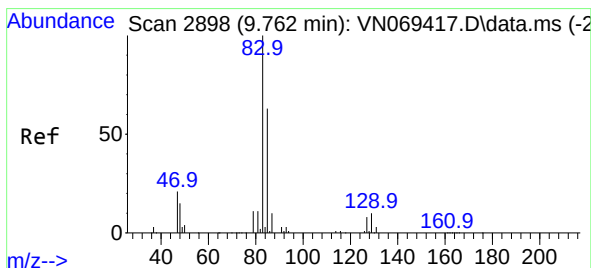
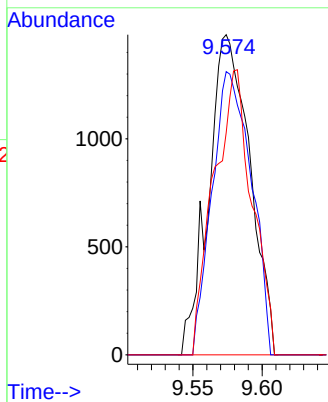
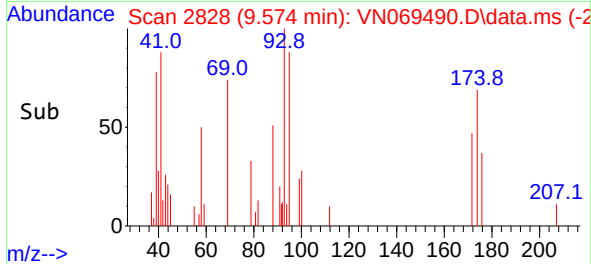
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



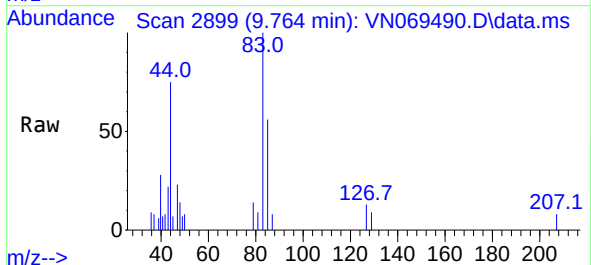
Tgt Ion: 93 Resp: 306
Ion Ratio Lower Upper
93 100
95 84.2 65.9 98.9
174 82.6 84.6 127.0

Manual Integrations
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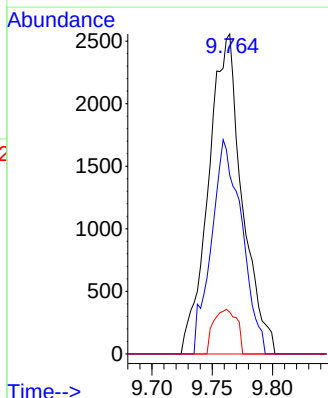
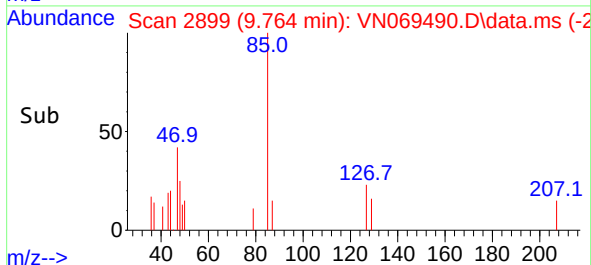
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

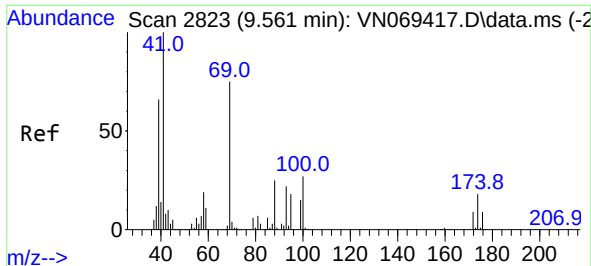


#47
Bromodichloromethane
Concen: 0.324 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



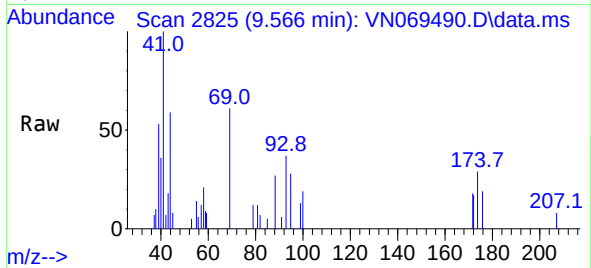
Tgt Ion: 83 Resp: 4956
Ion Ratio Lower Upper
83 100
85 55.8 50.9 76.3
127 13.1 7.1 10.7





#48
Methyl methacrylate
Concen: 0.319 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. 0.005 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

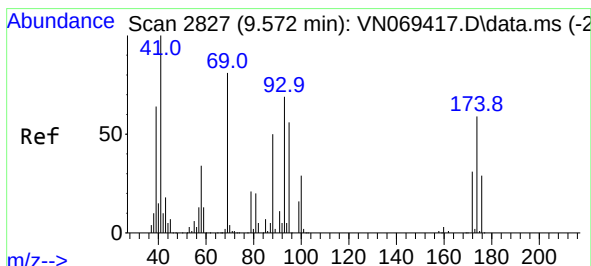
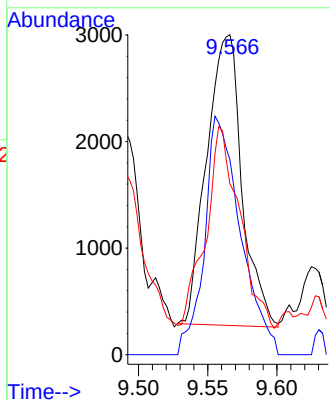
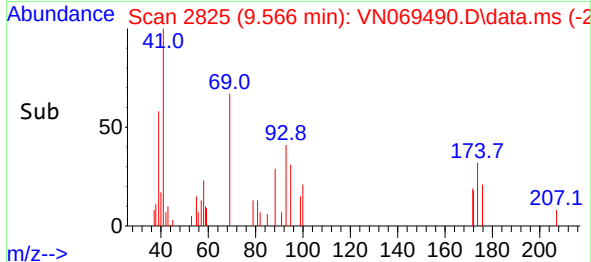
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



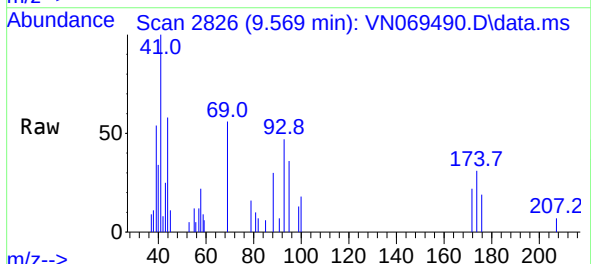
Tgt Ion: 41 Resp: 484
Ion Ratio Lower Upper
41 100
69 83.1 72.4 108.6
39 66.3 58.4 87.6

Manual Integrations
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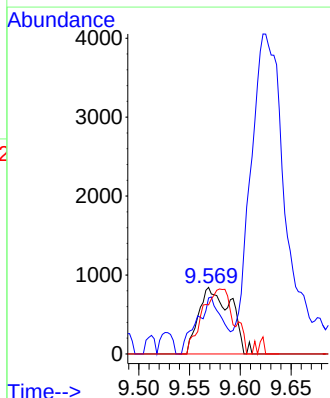
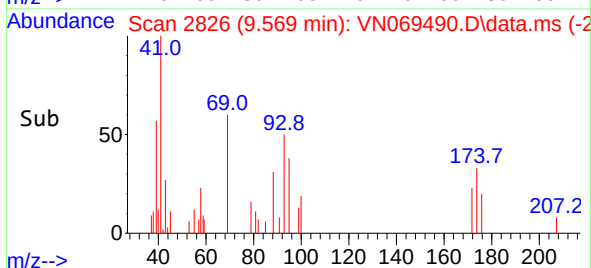
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

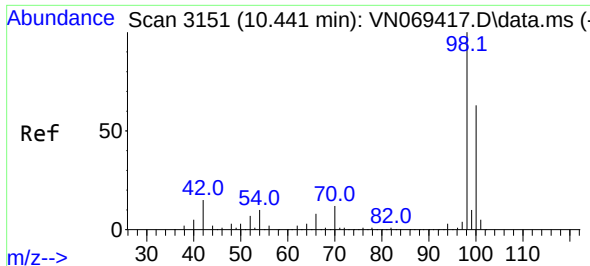


#49
1,4-Dioxane
Concen: 44.952 ug/l m
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



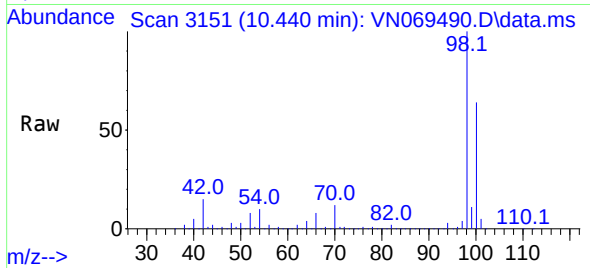
Tgt Ion: 88 Resp: 1845
Ion Ratio Lower Upper
88 100
43 68.5 23.4 35.2#
58 86.8 50.6 75.8#





#50
Toluene-d8
Concen: 49.425 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

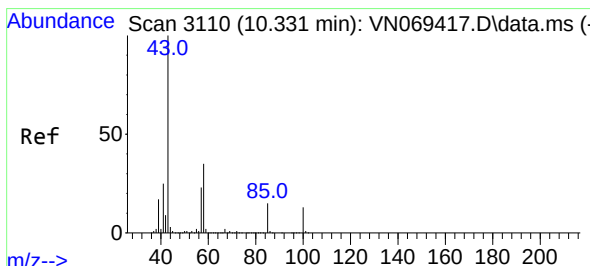
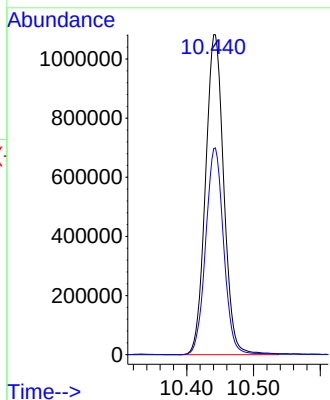
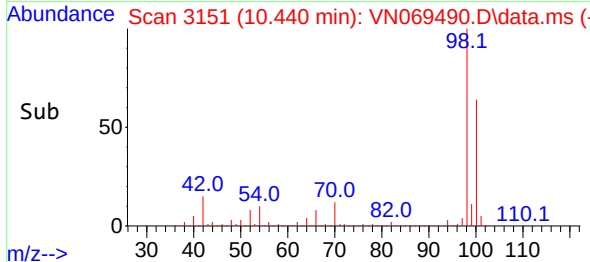
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



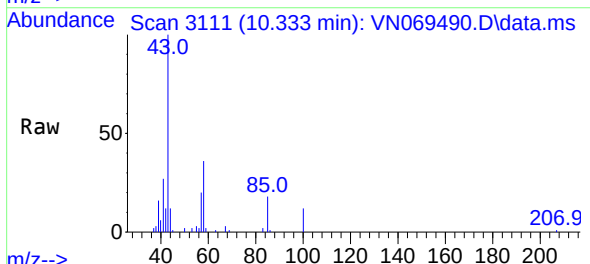
Tgt Ion: 98 Resp: 2058992
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

Manual Integrations
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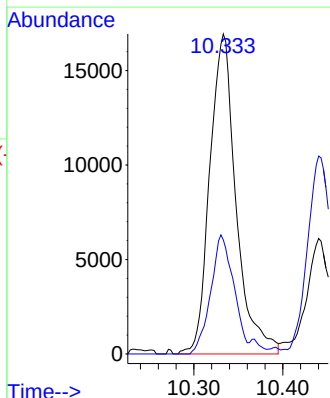
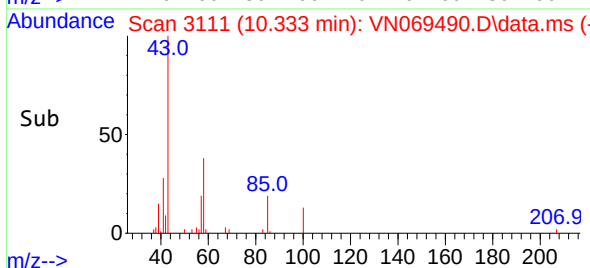
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

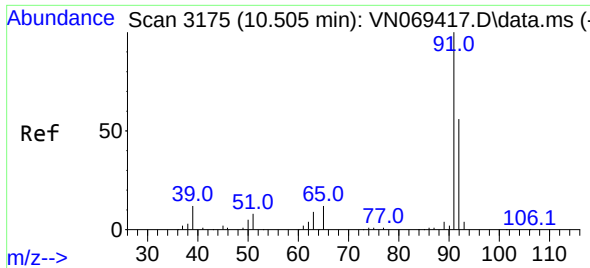


#51
4-Methyl-2-Pentanone
Concen: 1.671 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



Tgt Ion: 43 Resp: 34797
Ion Ratio Lower Upper
43 100
58 32.7 30.4 45.6





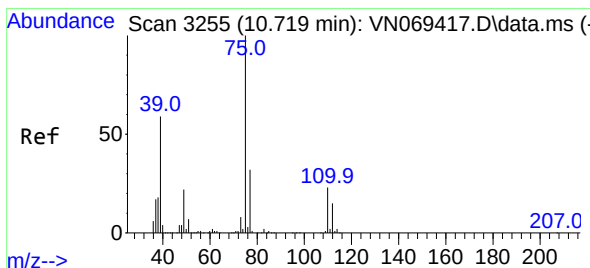
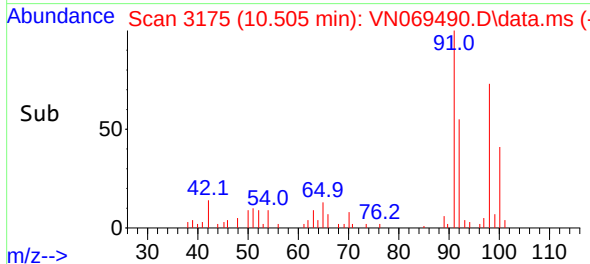
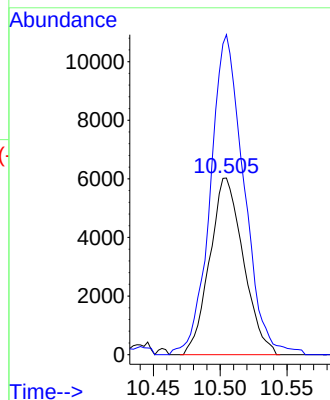
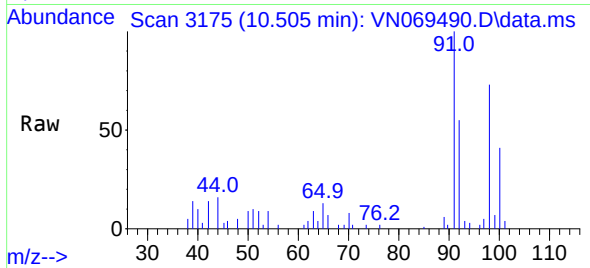
#52
Toluene
Concen: 0.369 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 92 Resp: 1055
Ion Ratio Lower Upper
92 100
91 181.3 142.0 213.0

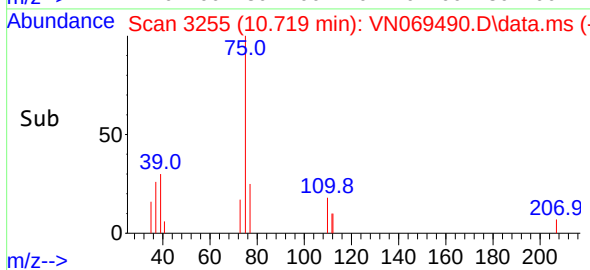
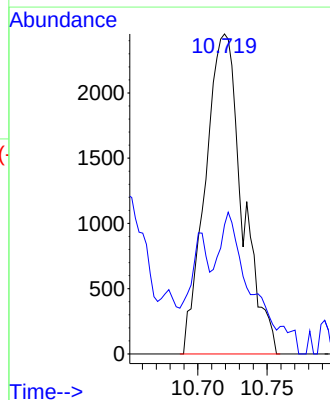
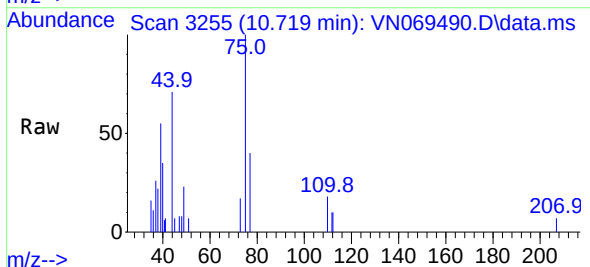
Manual Integrations
APPROVED

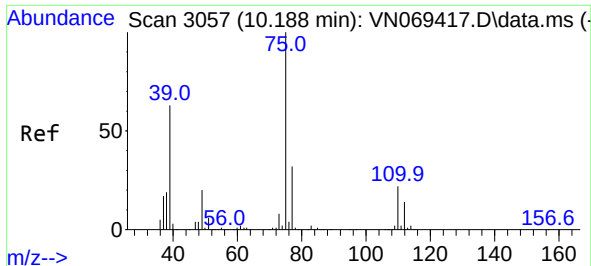
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#53
t-1,3-Dichloropropene
Concen: 2.867 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 75 Resp: 4565
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4





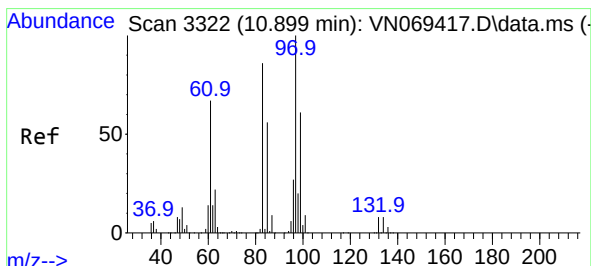
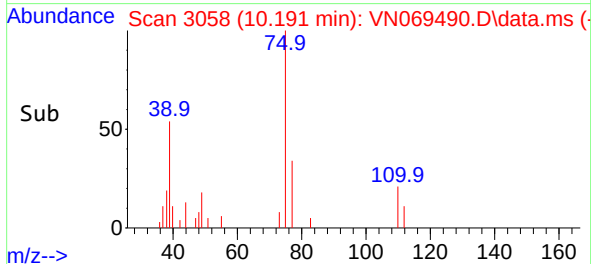
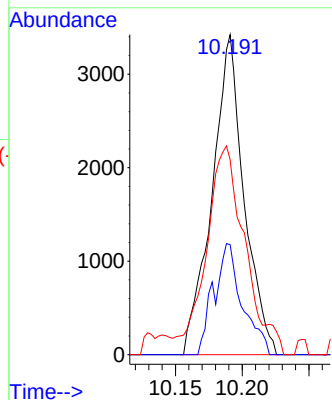
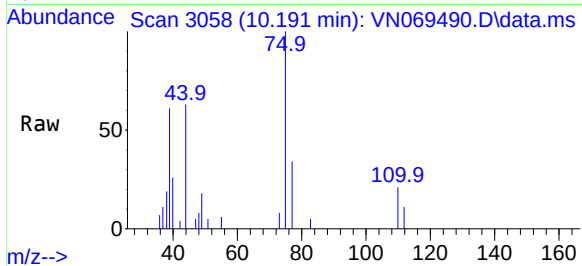
#54
cis-1,3-Dichloropropene
Concen: 2.011 ug/l
RT: 10.191 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 75 Resp: 5712
Ion Ratio Lower Upper
75 100
77 34.4 26.4 39.6
39 56.4 42.5 63.7

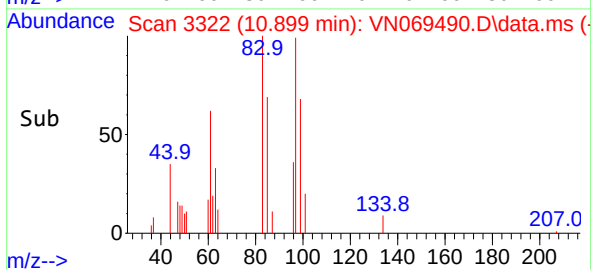
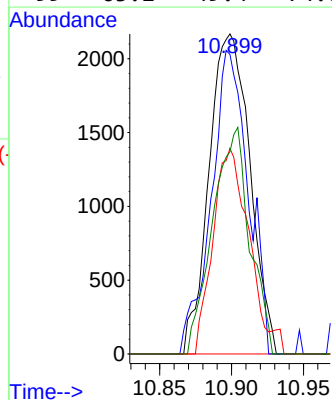
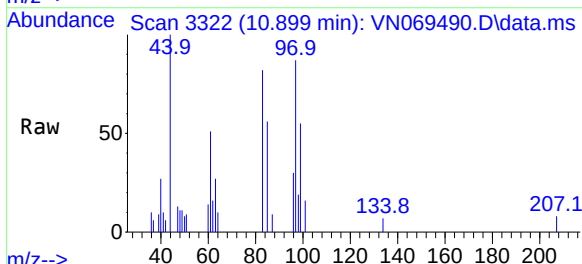
Manual Integrations
APPROVED

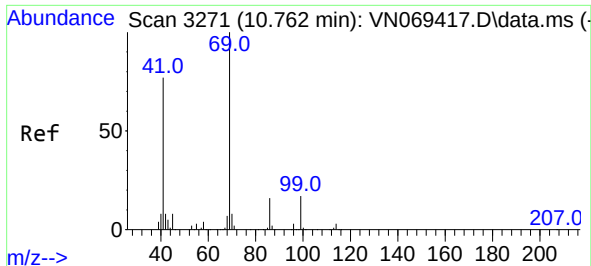
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#55
1,1,2-Trichloroethane
Concen: 0.372 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

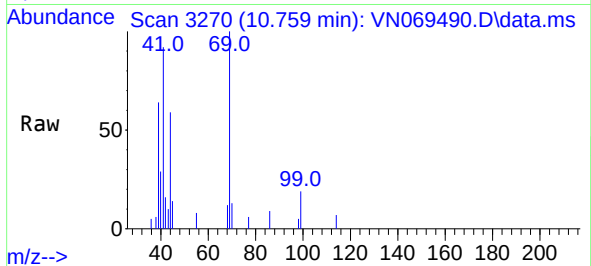
Tgt Ion: 97 Resp: 4285
Ion Ratio Lower Upper
97 100
83 93.6 67.8 101.6
85 64.3 45.4 68.2
99 63.2 49.4 74.0





#56
Ethyl methacrylate
Concen: 2.308 ug/l
RT: 10.759 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

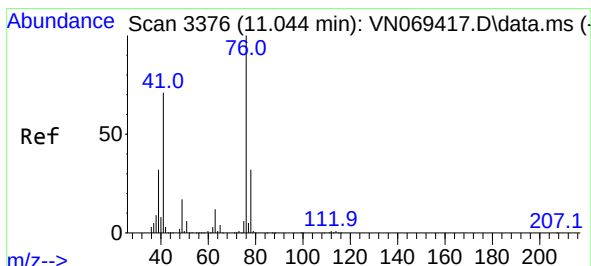
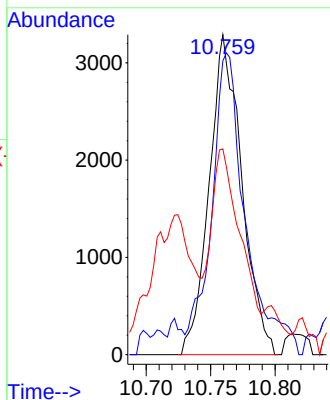
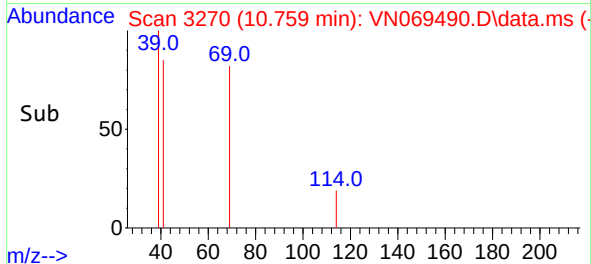
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 69 Resp: 5780
Ion Ratio Lower Upper
69 100
41 98.5 51.4 77.0
39 41.1 34.6 52.0

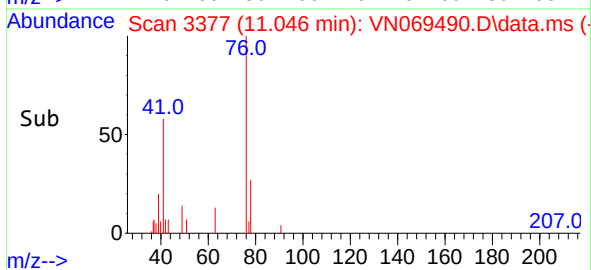
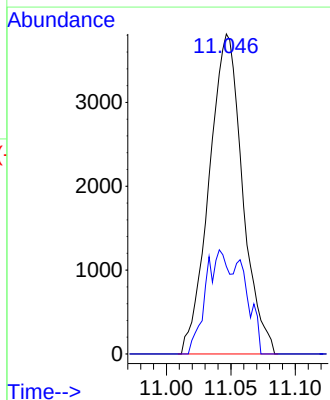
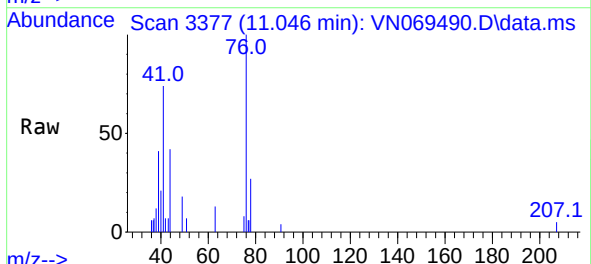
Manual Integrations
APPROVED

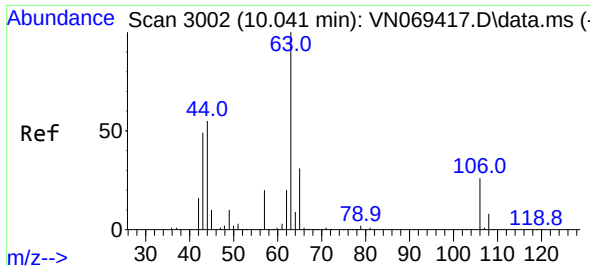
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#57
1,3-Dichloropropane
Concen: 0.340 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Tgt Ion: 76 Resp: 6882
Ion Ratio Lower Upper
76 100
78 22.2 25.7 38.5





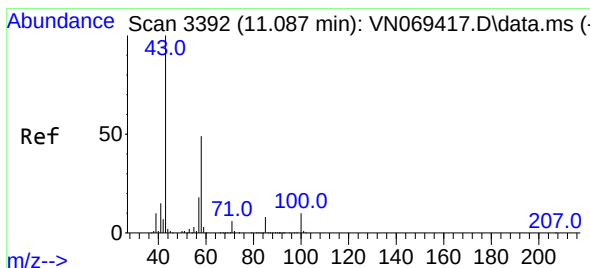
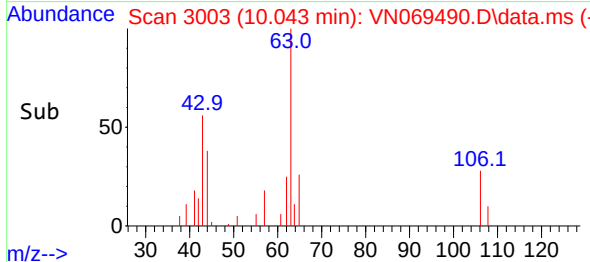
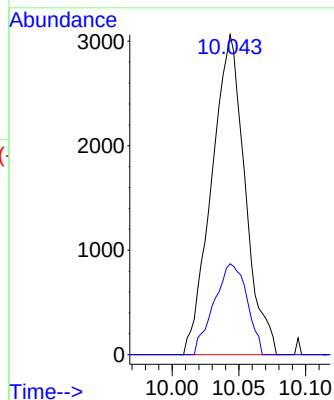
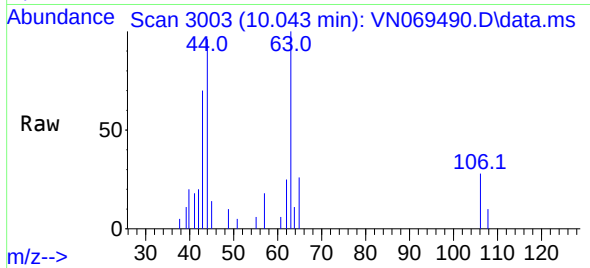
#58
2-Chloroethyl Vinyl ether
Concen: 23.638 ug/l
RT: 10.043 min Scan# 3002
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 5328
Ion Ratio Lower Upper
63 100
106 28.0 23.9 35.9

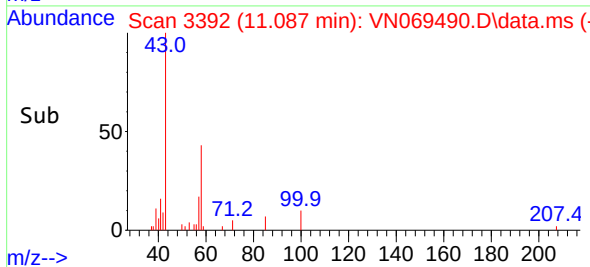
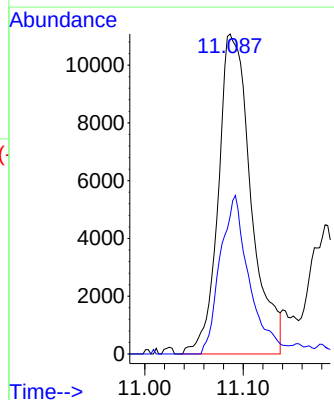
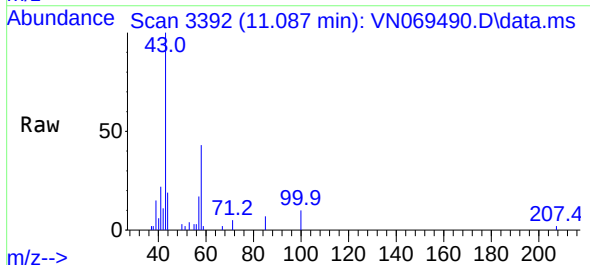
Manual Integrations
APPROVED

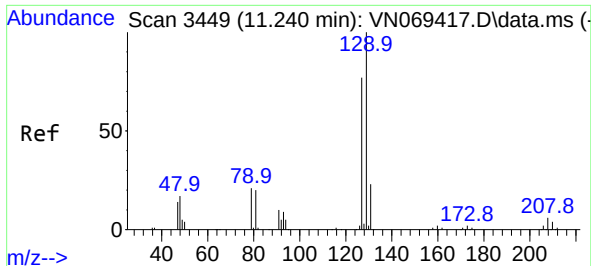
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#59
2-Hexanone
Concen: 9.355 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

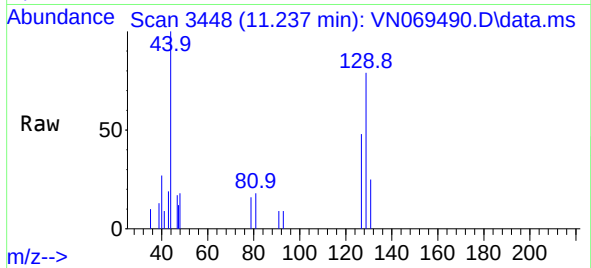
Tgt Ion: 43 Resp: 25669
Ion Ratio Lower Upper
43 100
58 43.9 26.9 80.7





#60
Dibromochloromethane
Concen: 2.611 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

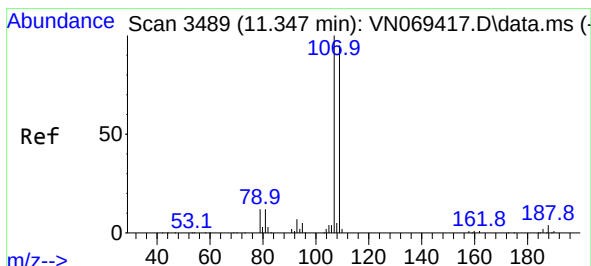
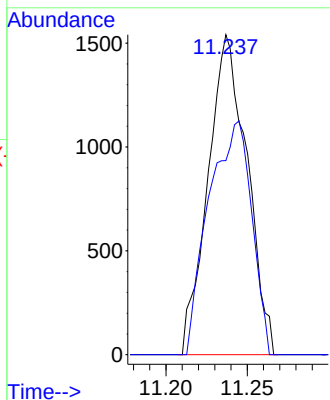
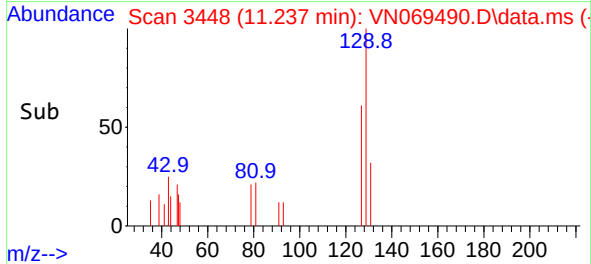
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



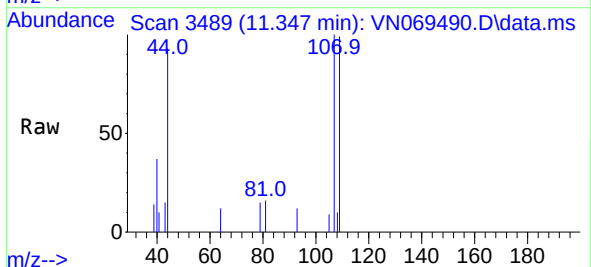
Tgt Ion:129 Resp: 257
Ion Ratio Lower Upper
129 100
127 79.9 38.6 116.0

Manual Integrations
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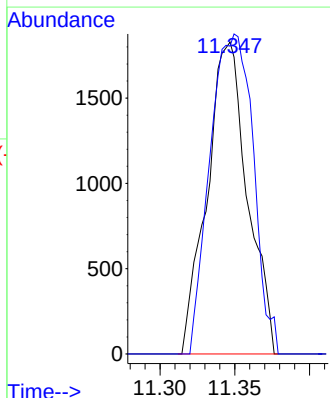
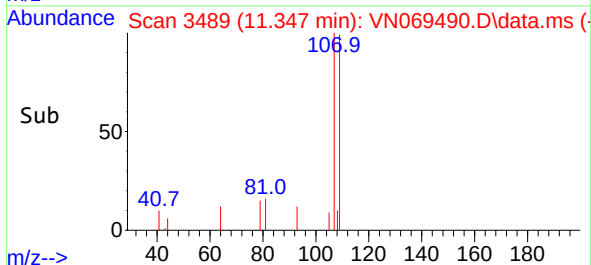
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

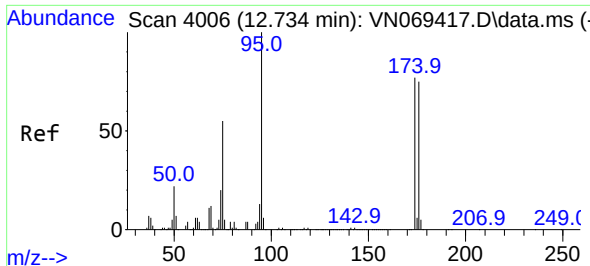


#61
1,2-Dibromoethane
Concen: 1.333 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



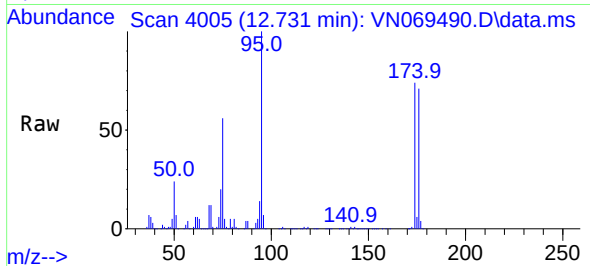
Tgt Ion:107 Resp: 3439
Ion Ratio Lower Upper
107 100
109 109.7 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 41.247 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

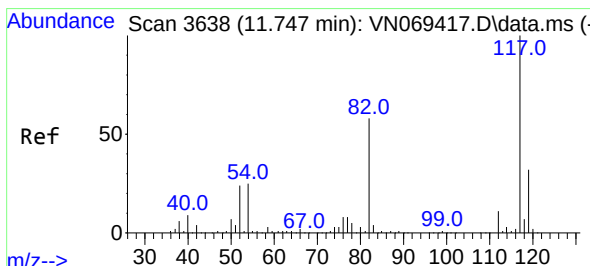
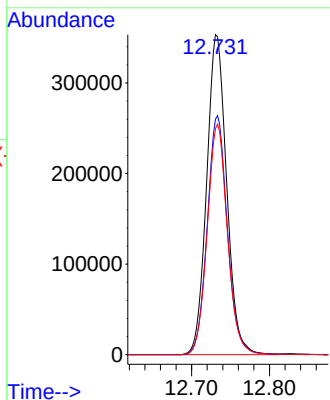
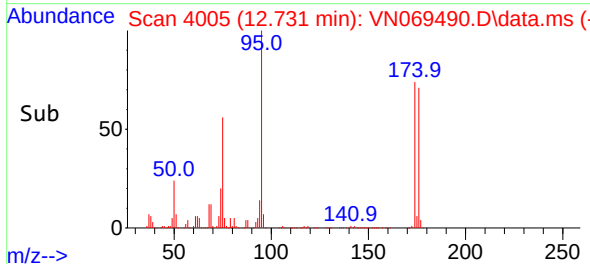
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



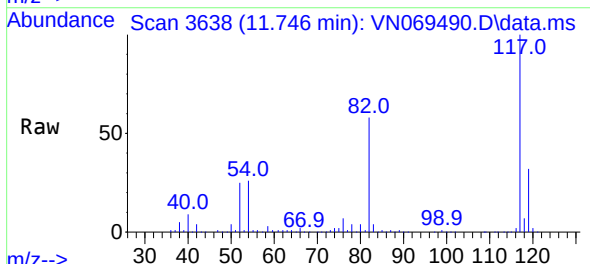
Tgt Ion: 95 Resp: 631248
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.6 0.0 181.4

Manual Integrations
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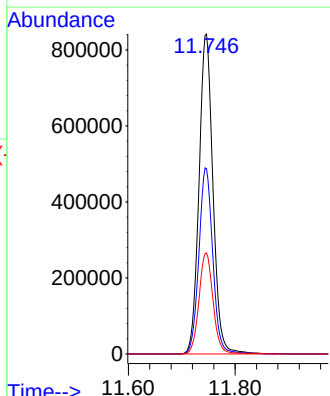
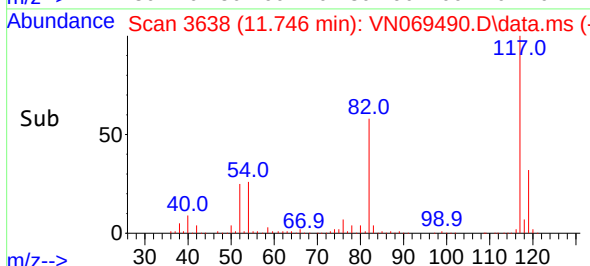
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

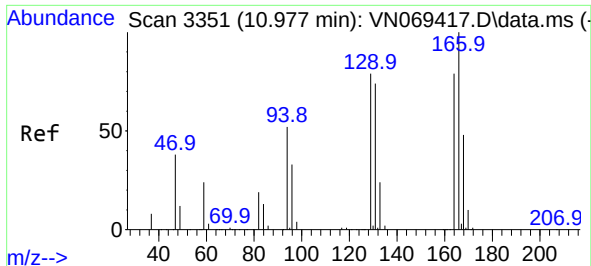


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



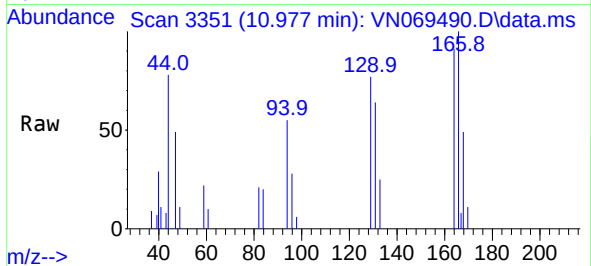
Tgt Ion:117 Resp: 1528890
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.6 25.4 38.2





#64
Tetrachloroethene
Concen: 0.420 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

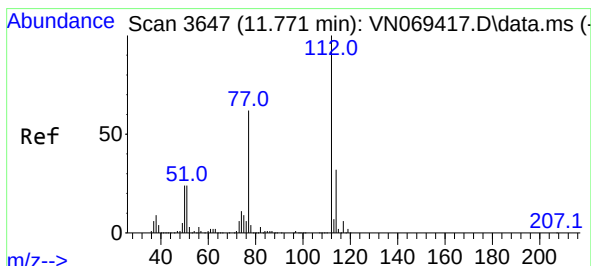
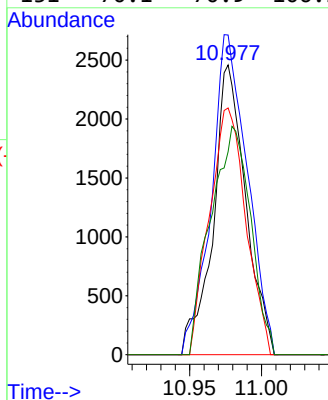
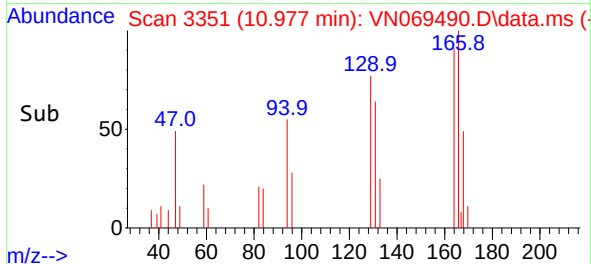
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:164 Resp: 3879
Ion Ratio Lower Upper
164 100
166 110.3 101.9 152.9
129 85.1 72.0 108.0
131 70.1 70.9 106.3#

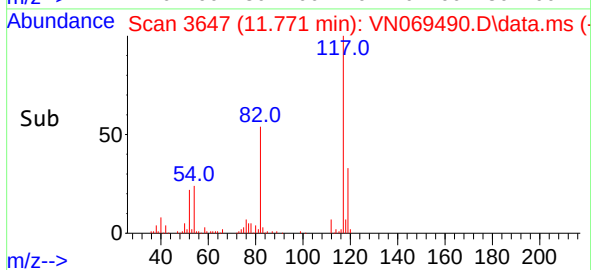
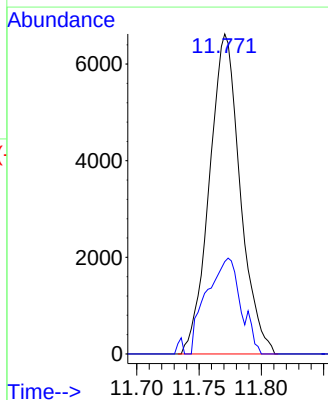
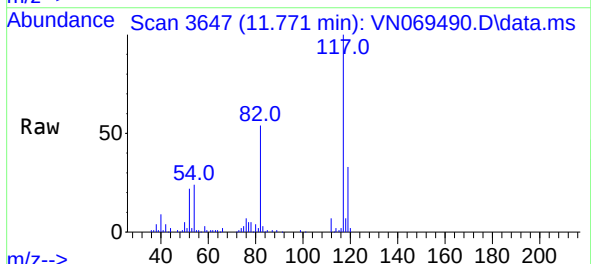
Manual Integrations
APPROVED

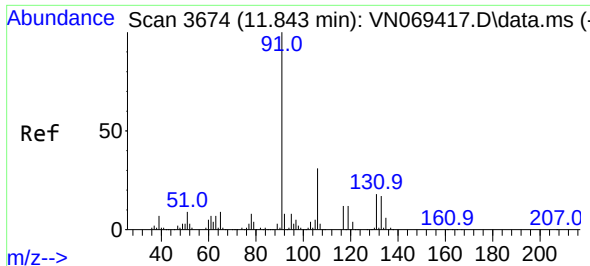
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#65
Chlorobenzene
Concen: 0.400 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

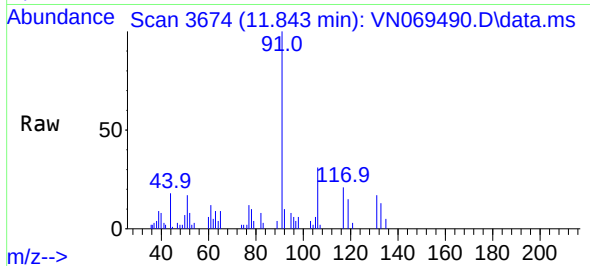
Tgt Ion:112 Resp: 11393
Ion Ratio Lower Upper
112 100
114 28.9 25.4 38.0





#66
1,1,1,2-Tetrachloroethane
Concen: 0.291 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

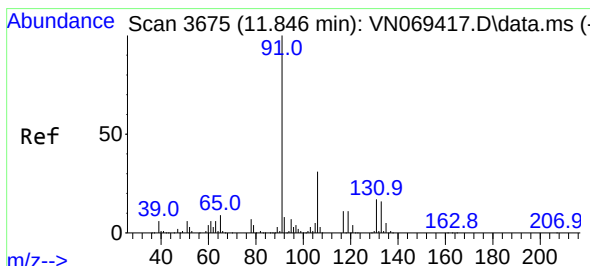
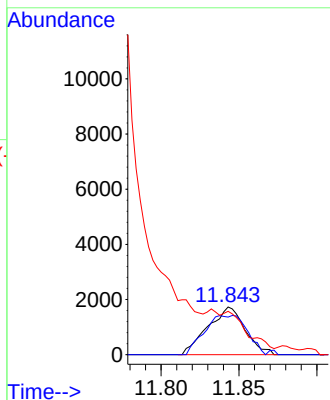
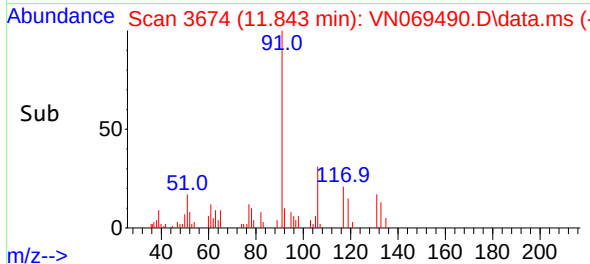
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



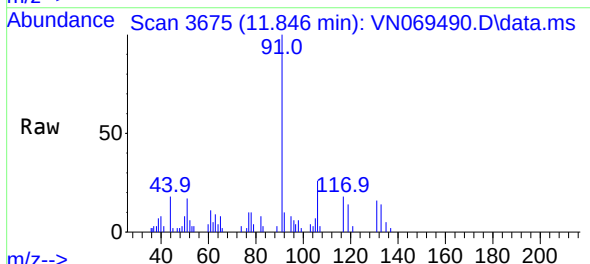
Tgt Ion:131 Resp: 2875
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 0.0 32.1 96.5

Manual Integrations
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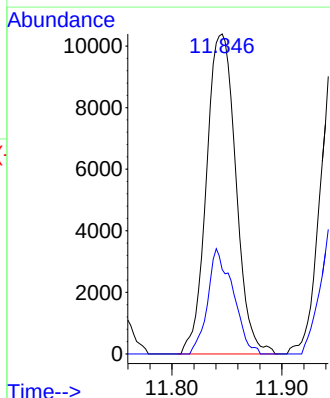
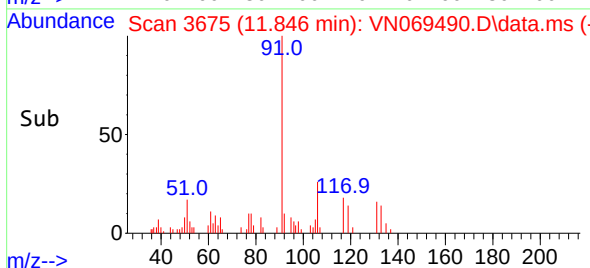
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

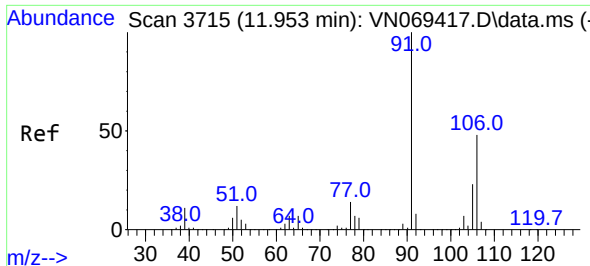


#67
Ethyl Benzene
Concen: 0.367 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



Tgt Ion: 91 Resp: 19280
Ion Ratio Lower Upper
91 100
106 26.3 25.7 38.5





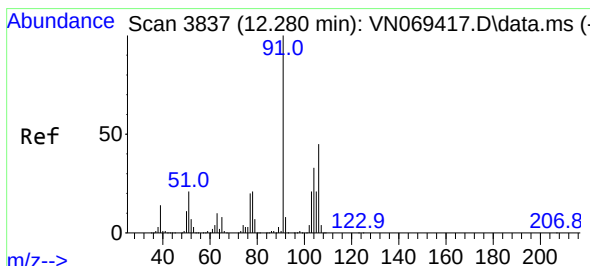
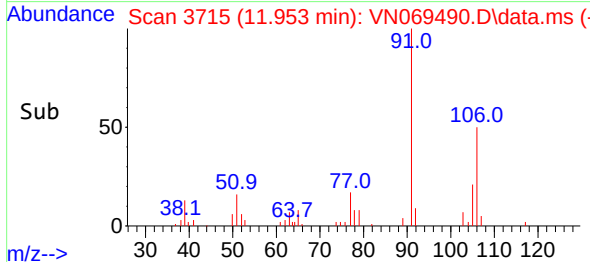
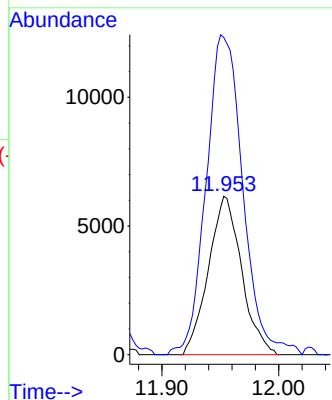
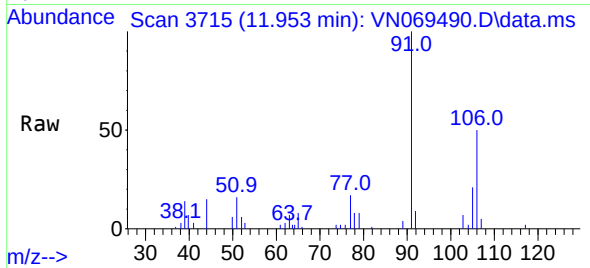
#68
m/p-Xylenes
Concen: 0.629 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:106 Resp: 1214
Ion Ratio Lower Upper
106 100
91 223.2 160.6 240.8

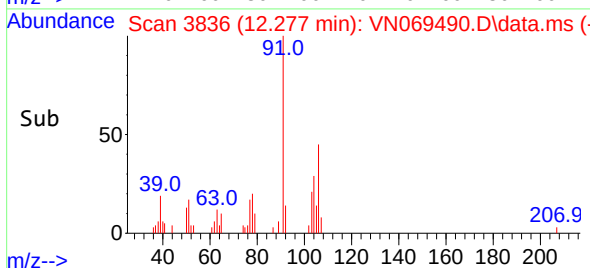
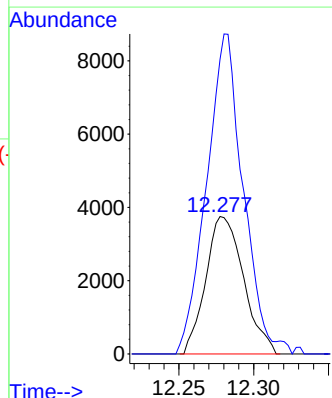
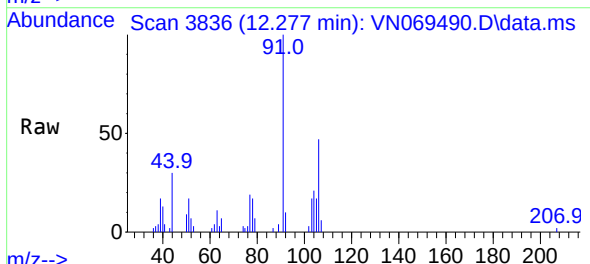
Manual Integrations
APPROVED

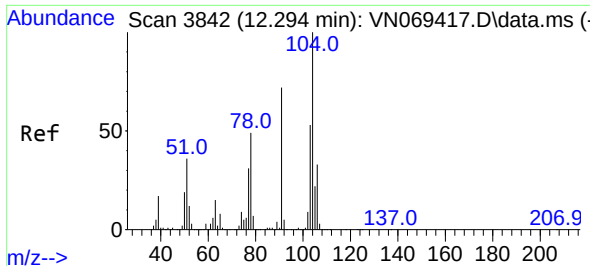
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#69
o-Xylene
Concen: 0.343 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

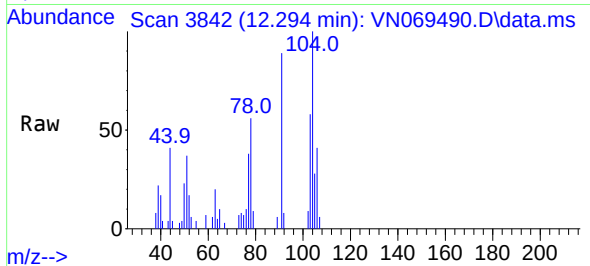
Tgt Ion:106 Resp: 6595
Ion Ratio Lower Upper
106 100
91 225.5 105.8 317.3





#70
Styrene
Concen: 1.787 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

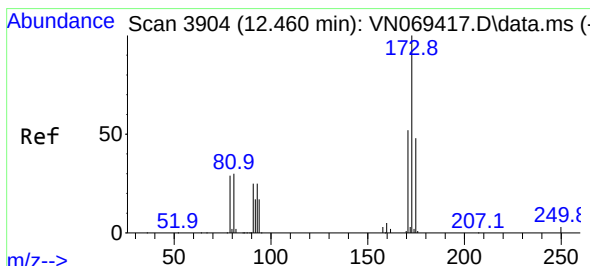
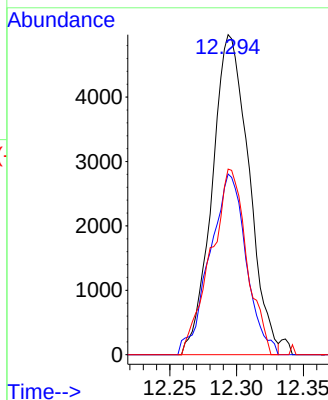
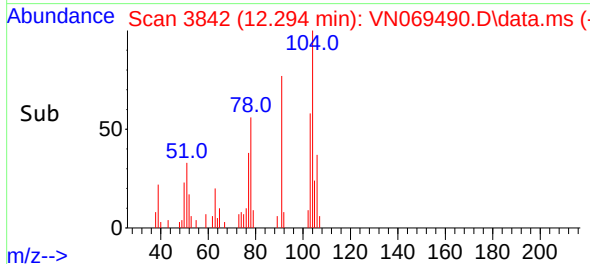
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



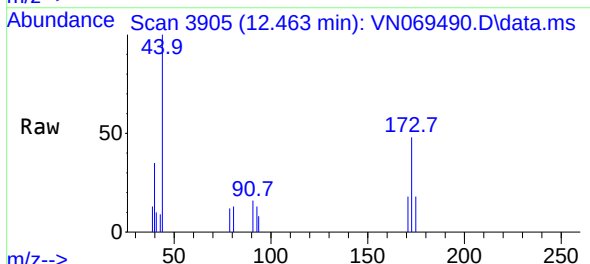
Tgt Ion:104 Resp: 9500
Ion Ratio Lower Upper
104 100
78 56.0 38.7 58.1
103 56.5 45.0 67.6

Manual Integrations
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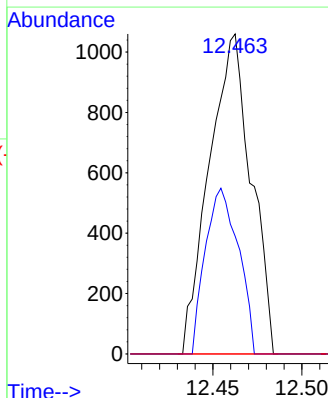
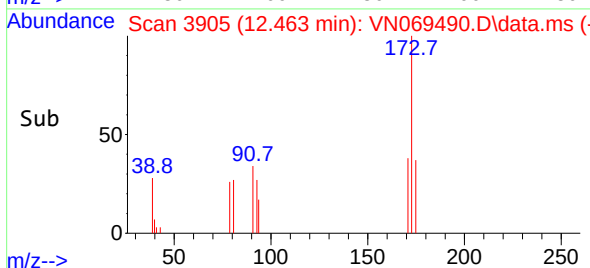
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

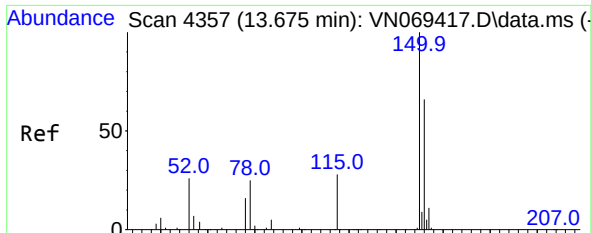


#71
Bromoform
Concen: 3.616 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



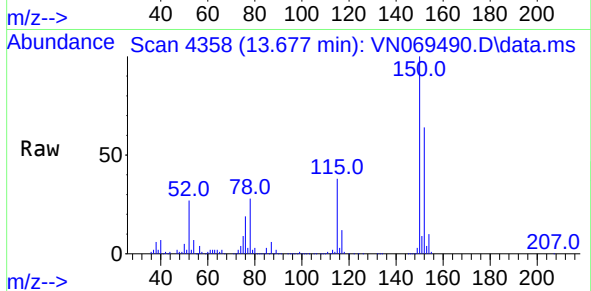
Tgt Ion:173 Resp: 1732
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4357
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

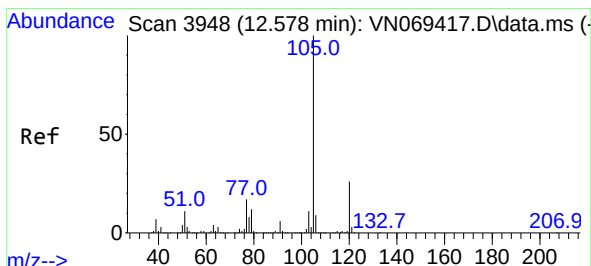
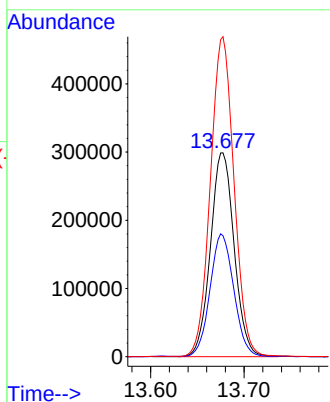
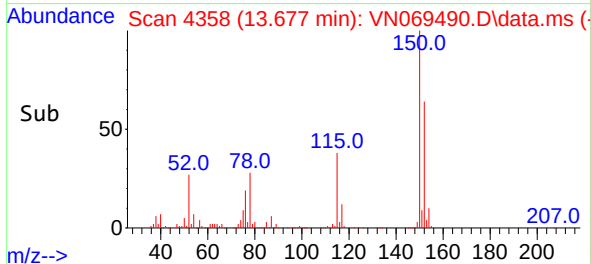
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



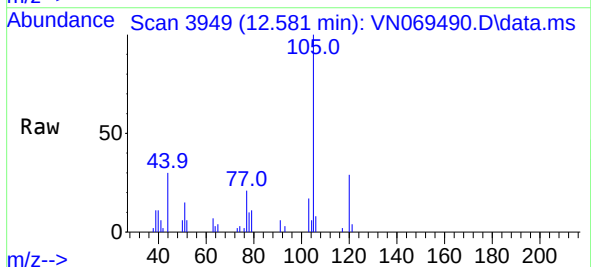
Tgt Ion:152 Resp: 52889
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 156.3 0.0 344.4

Manual Integrations
APPROVED

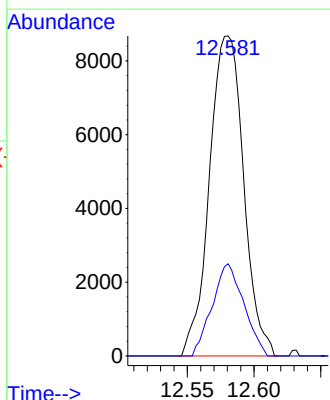
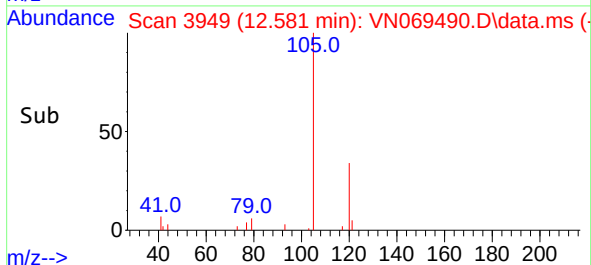
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

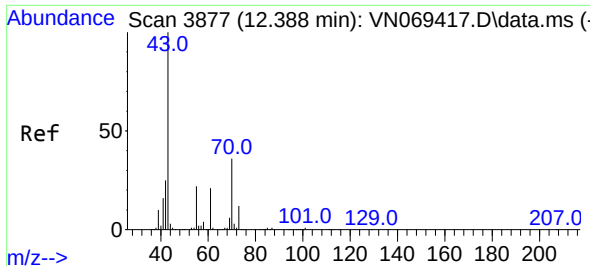


#73
Isopropylbenzene
Concen: 0.367 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



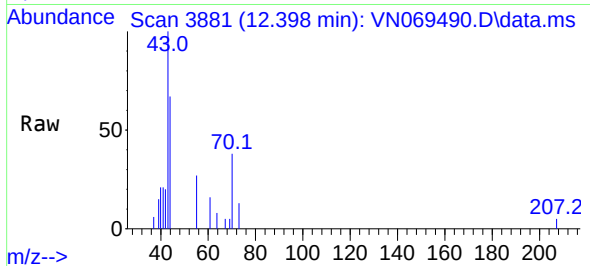
Tgt Ion:105 Resp: 15460
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1





#74
N-amy1 acetate
Concen: 0.412 ug/l
RT: 12.398 min Scan# 3877
Delta R.T. 0.010 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

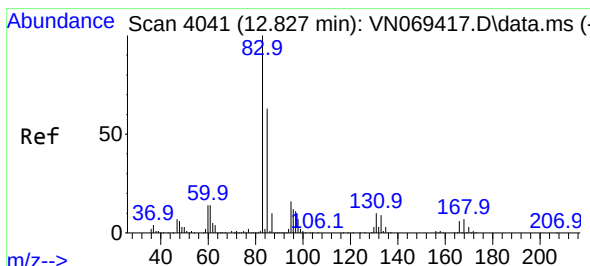
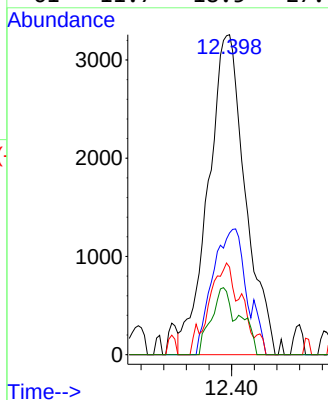
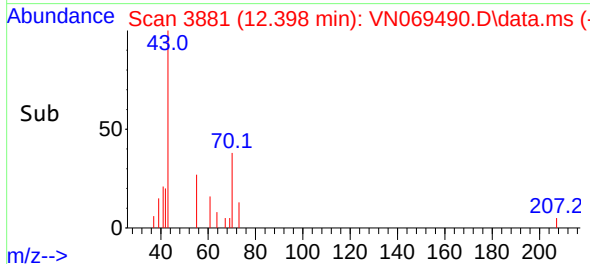
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
70 33.3 33.4 50.0
55 18.2 19.3 28.9
61 11.7 18.5 27.7

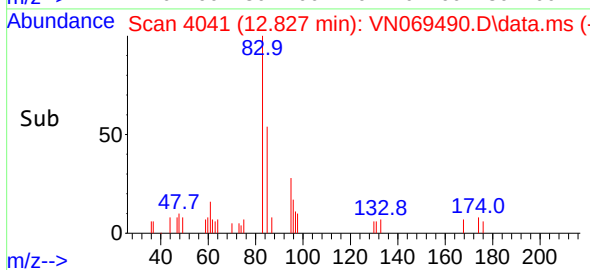
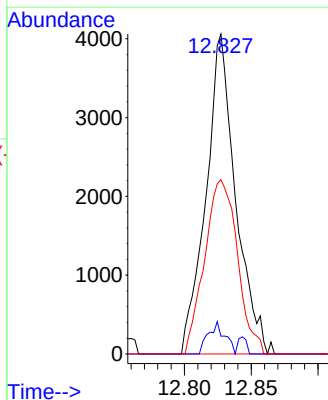
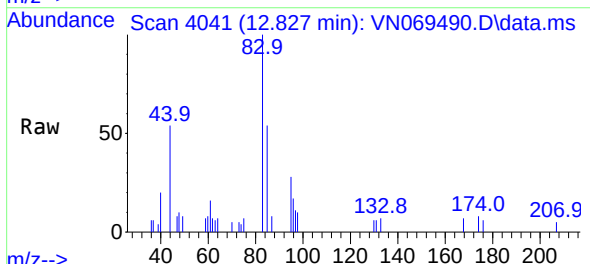
Manual Integrations
APPROVED

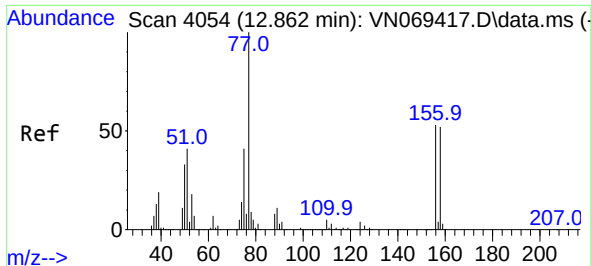
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#75
1,1,2,2-Tetrachloroethane
Concen: 0.443 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

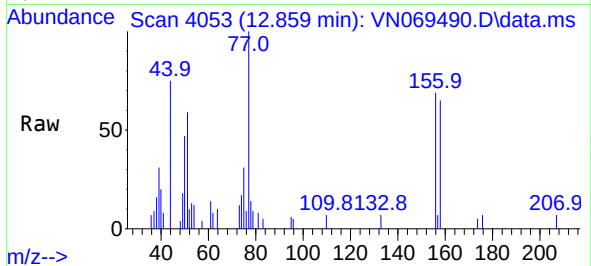
Tgt Ion: 83 Resp: 6285
Ion Ratio Lower Upper
83 100
131 5.6 5.5 16.5
85 60.1 32.4 97.2





#77
Bromobenzene
Concen: 0.433 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

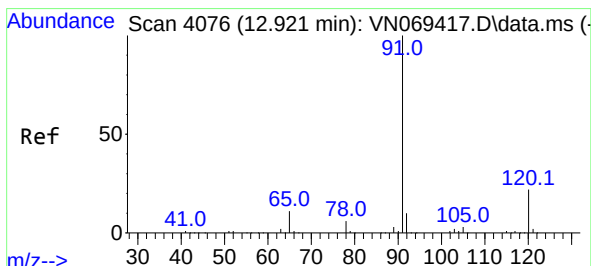
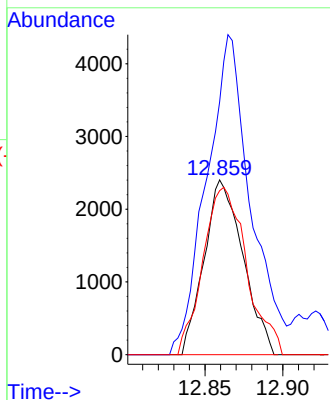
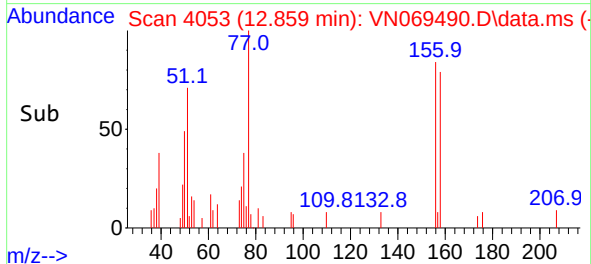
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



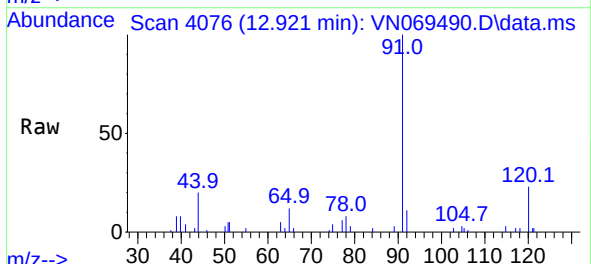
Tgt Ion: 156 Resp: 417
Ion Ratio Lower Upper
156 100
77 206.0 90.6 271.8
158 107.1 48.9 146.7

Manual Integrations
APPROVED

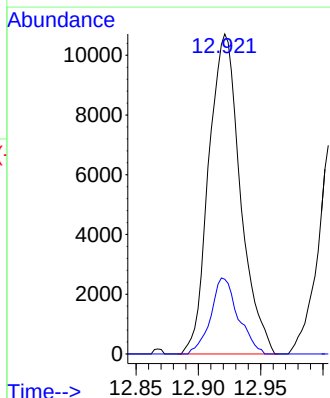
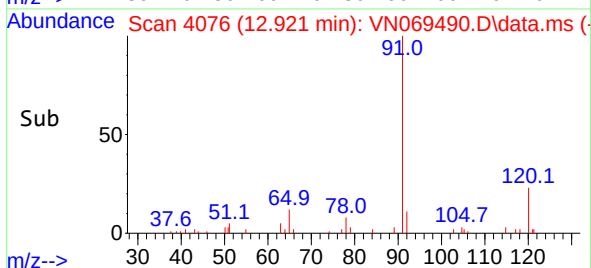
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

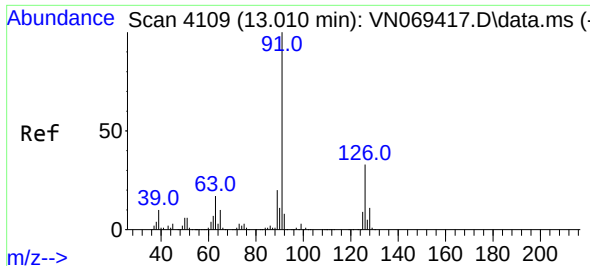


#78
n-propylbenzene
Concen: 0.399 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



Tgt Ion: 91 Resp: 18893
Ion Ratio Lower Upper
91 100
120 20.6 11.9 35.9





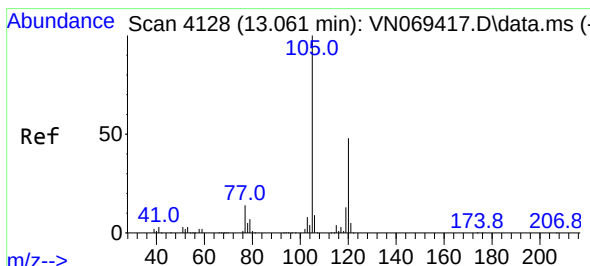
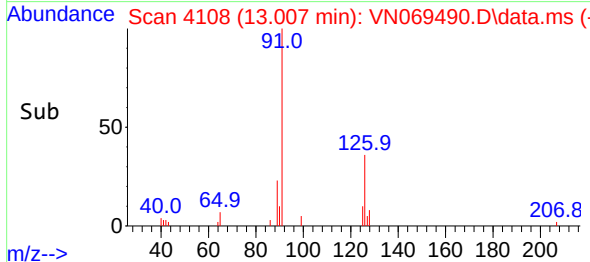
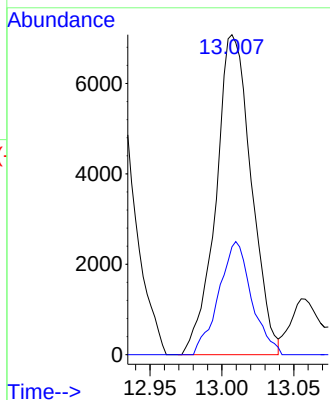
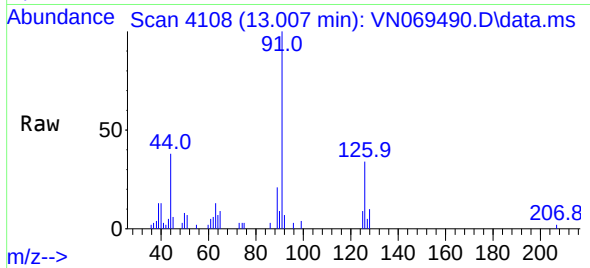
#79
2-Chlorotoluene
Concen: 0.413 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 91 Resp: 1212
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

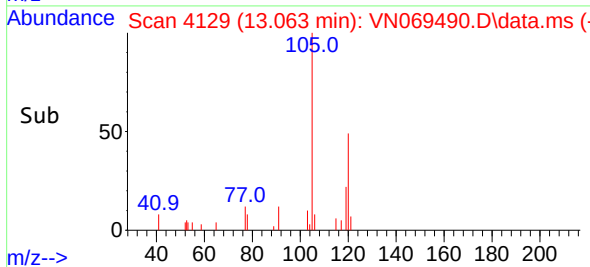
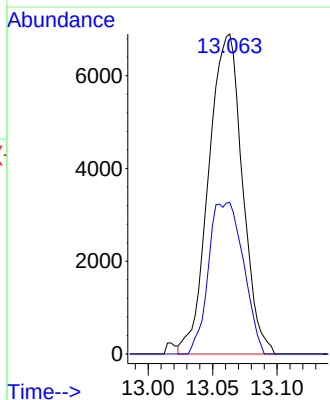
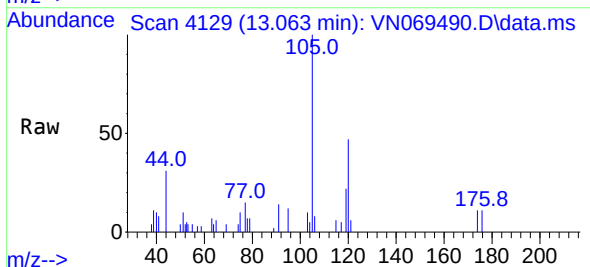
Manual Integrations
APPROVED

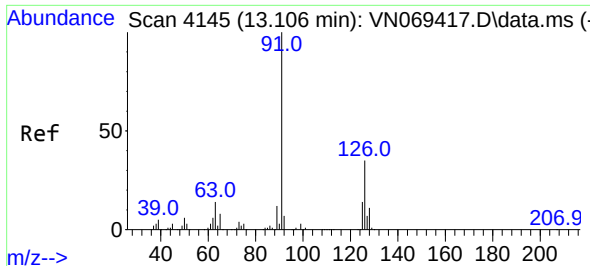
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 0.368 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

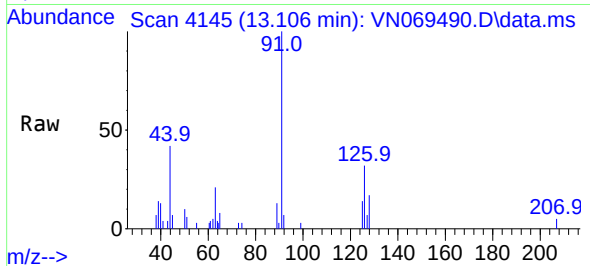
Tgt Ion:105 Resp: 12533
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#82
4-Chlorotoluene
Concen: 0.411 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

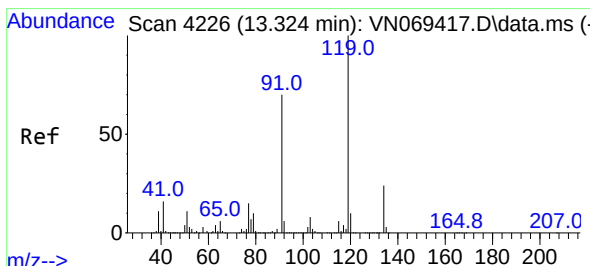
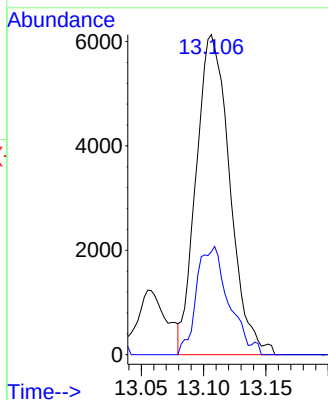
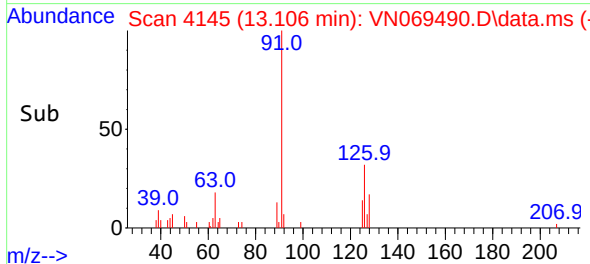
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



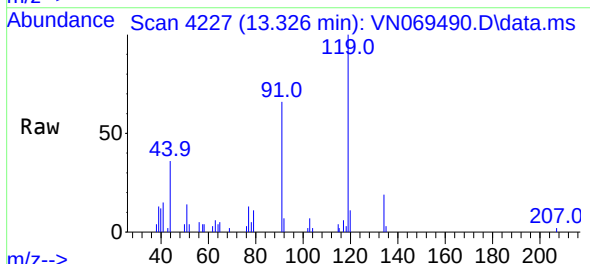
Tgt Ion: 91 Resp: 11489
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6

Manual Integrations
APPROVED

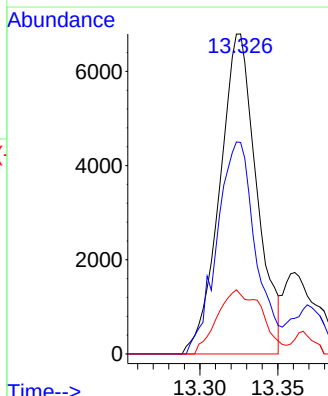
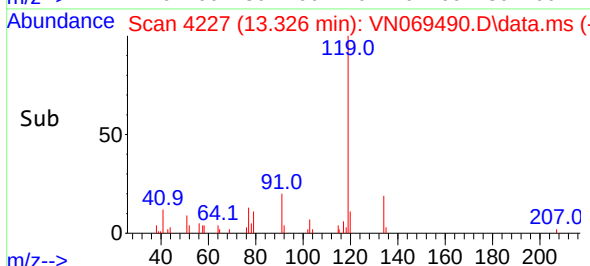
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

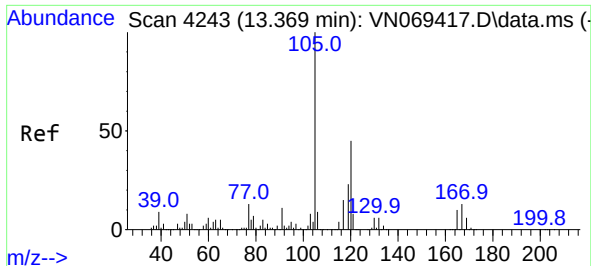


#83
tert-Butylbenzene
Concen: 0.376 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



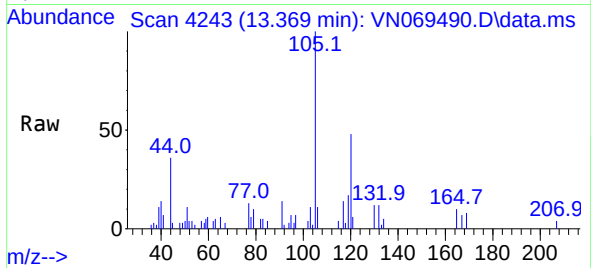
Tgt Ion:119 Resp: 11203
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 24.4 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 0.378 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

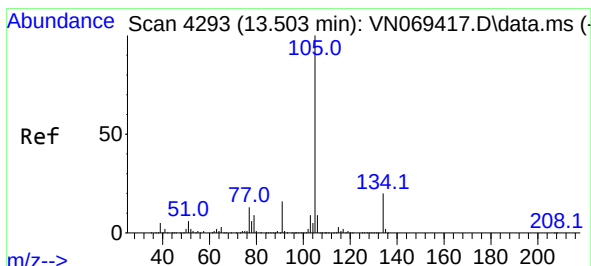
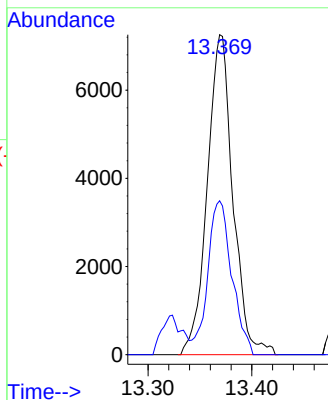
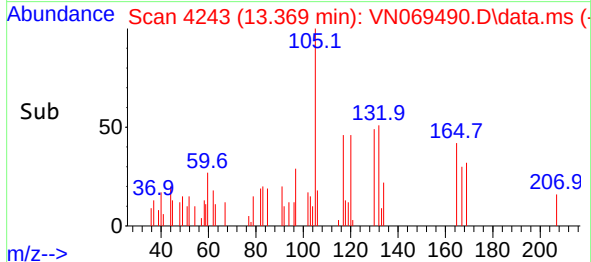
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



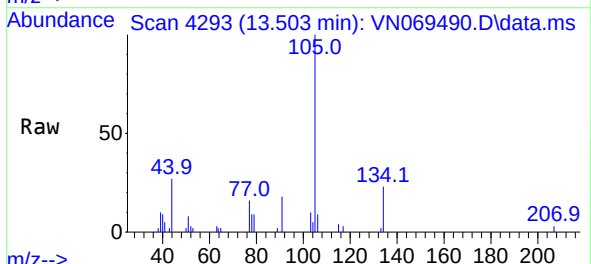
Tgt Ion:105 Resp: 12439
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4

Manual Integrations
APPROVED

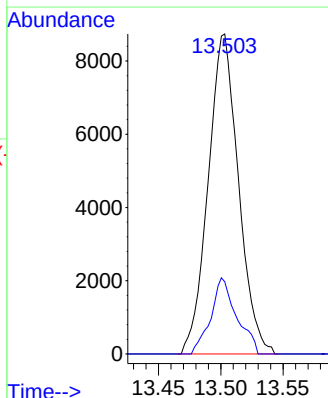
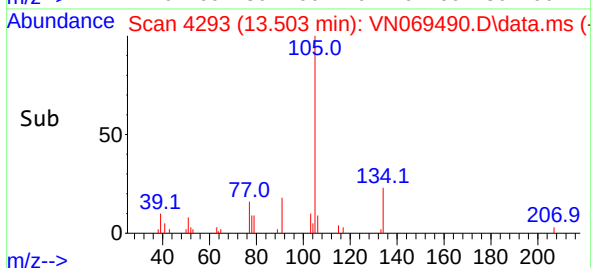
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

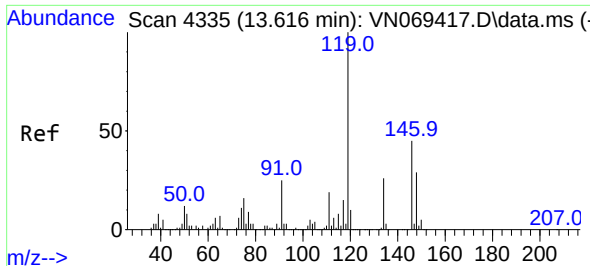


#85
sec-Butylbenzene
Concen: 0.355 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



Tgt Ion:105 Resp: 14798
Ion Ratio Lower Upper
105 100
134 20.3 10.4 31.1





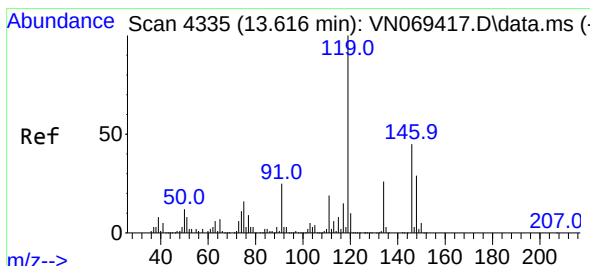
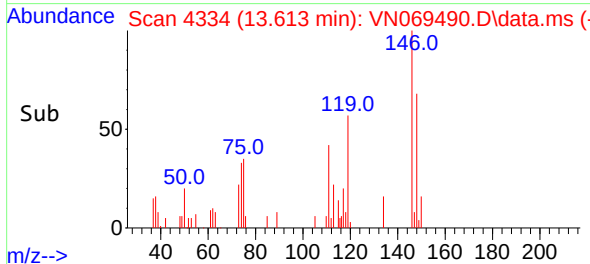
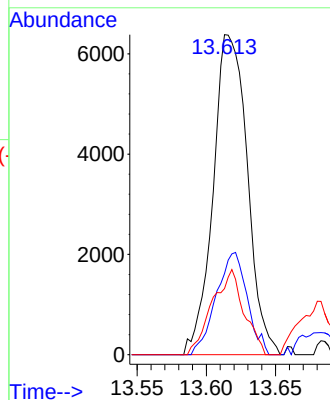
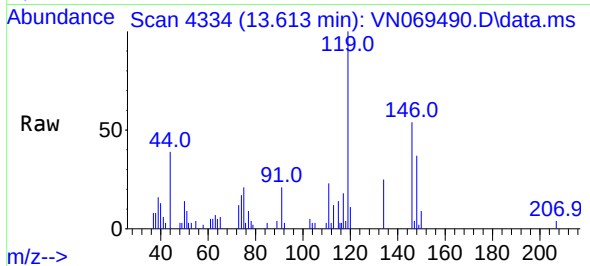
#86
p-Isopropyltoluene
Concen: 0.332 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:	119	Resp:	1096
Ion Ratio	Lower	Upper	
119	100		
134	29.0	13.6	40.7
91	24.7	11.4	34.1

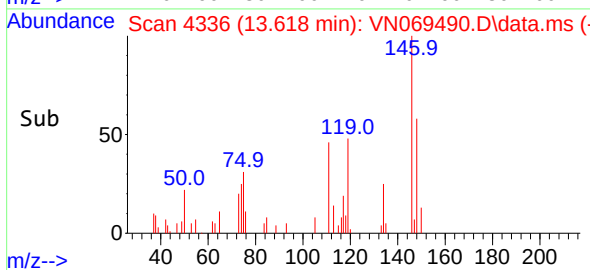
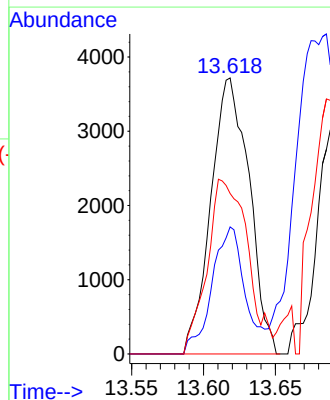
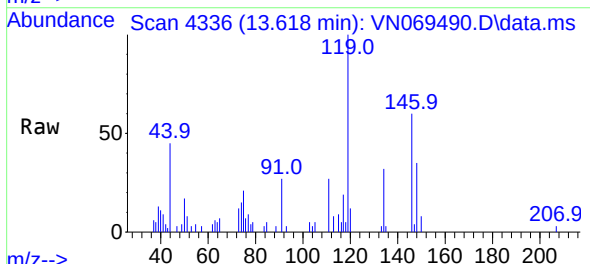
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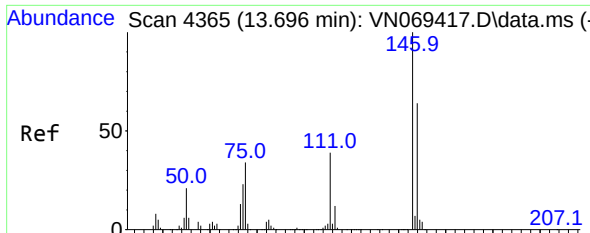
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#87
1,3-Dichlorobenzene
Concen: 0.412 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

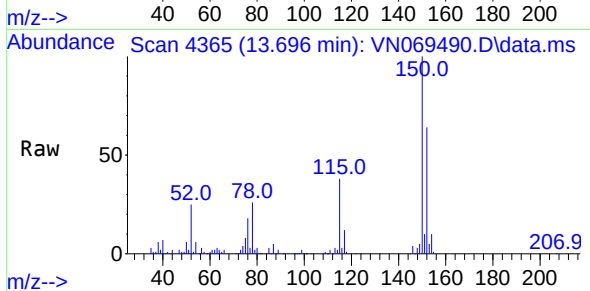
Tgt Ion:	146	Resp:	6874
Ion Ratio	Lower	Upper	
146	100		
111	39.7	18.6	55.6
148	67.0	31.6	95.0





#88
1,4-Dichlorobenzene
Concen: 0.439 ug/l m
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

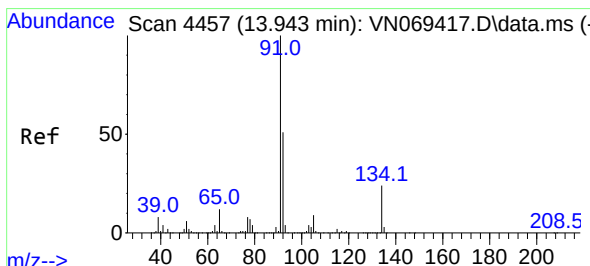
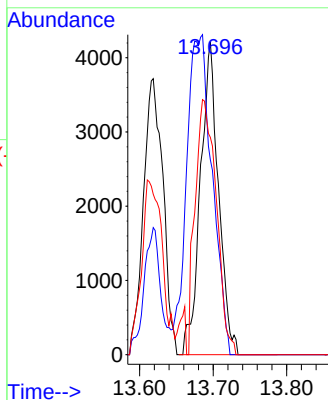
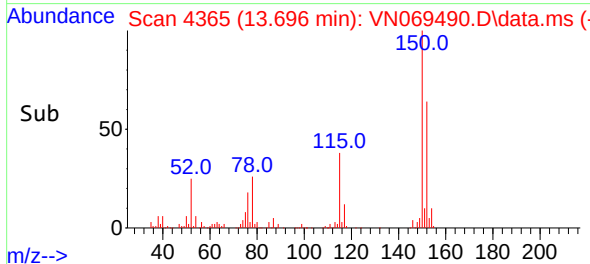
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



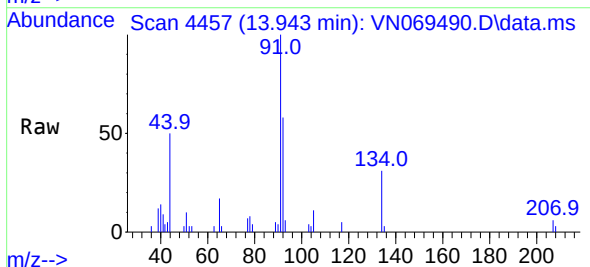
Tgt Ion:146 Resp: 7199
Ion Ratio Lower Upper
146 100
111 37.9 18.3 54.8
148 64.0 31.8 95.4

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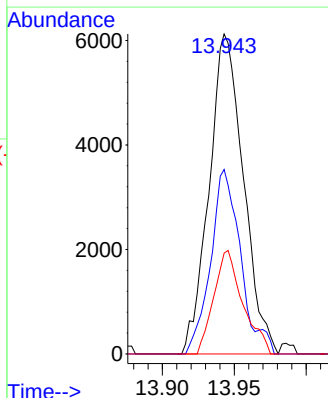
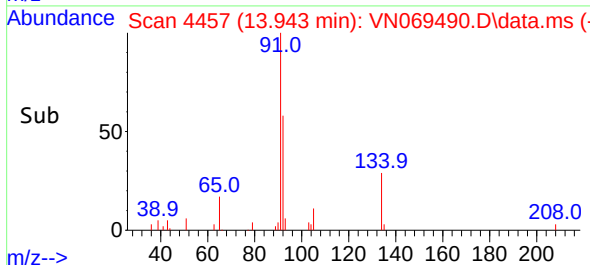
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

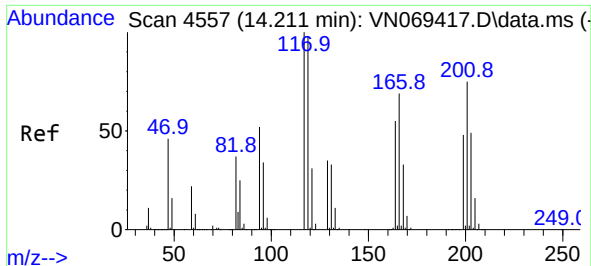


#89
n-Butylbenzene
Concen: 0.368 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



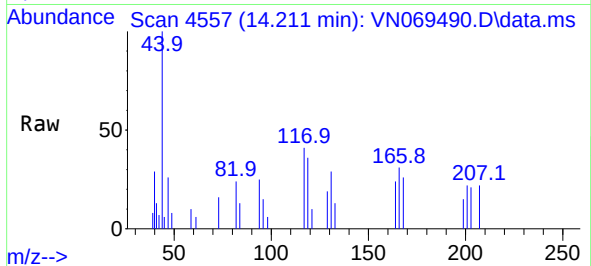
Tgt Ion: 91 Resp: 10162
Ion Ratio Lower Upper
91 100
92 50.3 25.4 76.0
134 27.4 13.6 40.8





#90
Hexachloroethane
Concen: 2.418 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

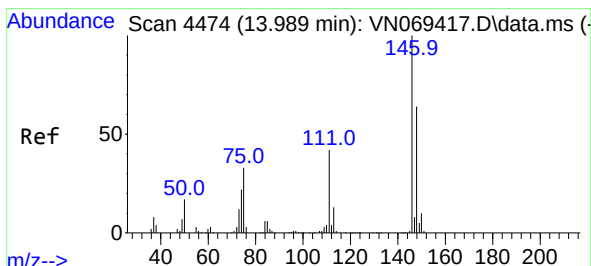
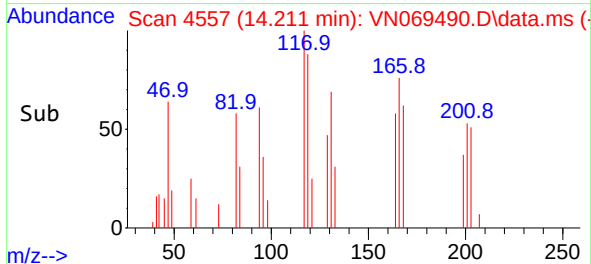
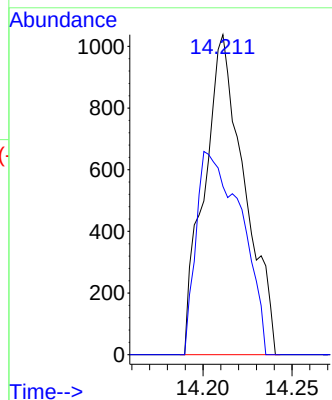
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 1620
Ion Ratio Lower Upper
117 100
201 71.3 43.9 131.6

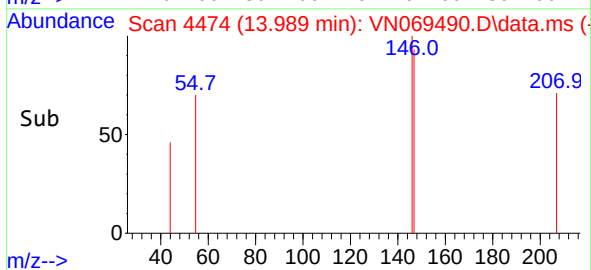
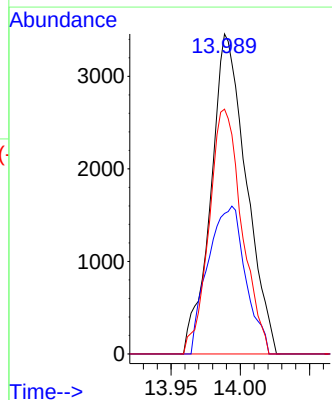
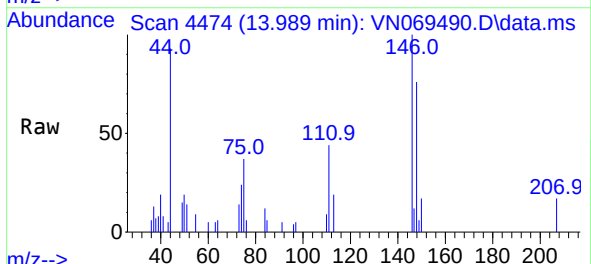
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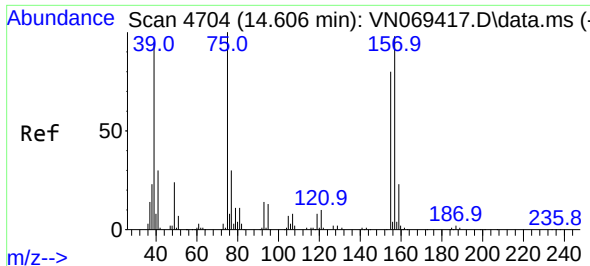
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#91
1,2-Dichlorobenzene
Concen: 0.386 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

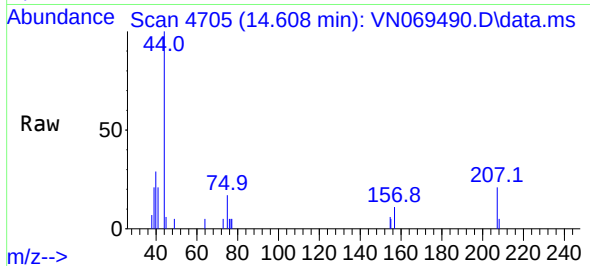
Tgt Ion:146 Resp: 6135
Ion Ratio Lower Upper
146 100
111 49.1 19.1 57.3
148 71.2 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.064 ug/l
RT: 14.608 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

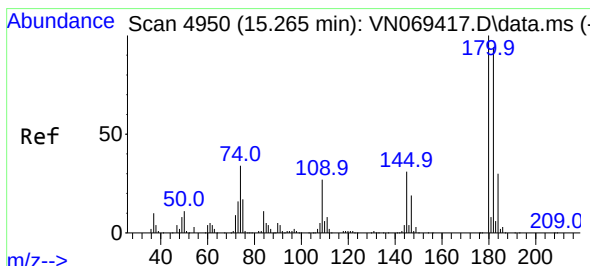
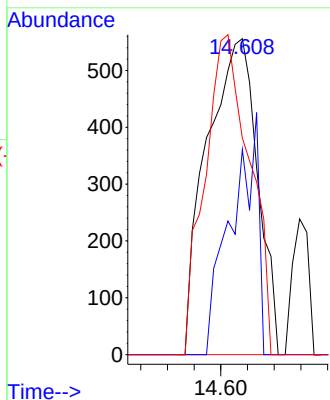
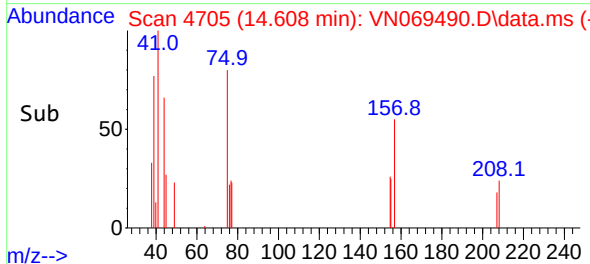
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



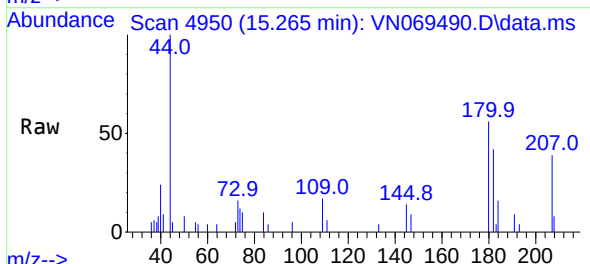
Tgt Ion: 75 Resp: 73
Ion Ratio Lower Upper
75 100
155 40.2 46.9 140.7
157 89.8 60.6 181.7

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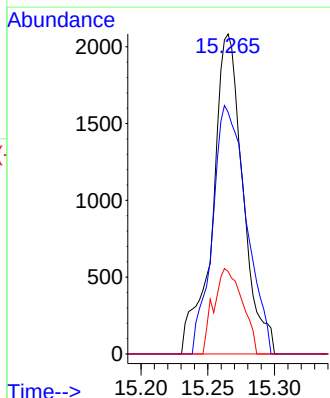
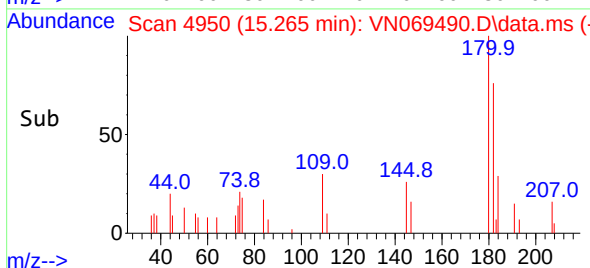
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

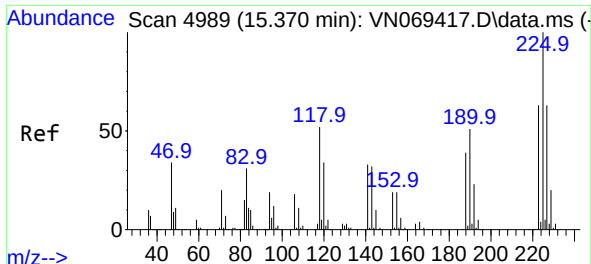


#93
1,2,4-Trichlorobenzene
Concen: 3.484 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



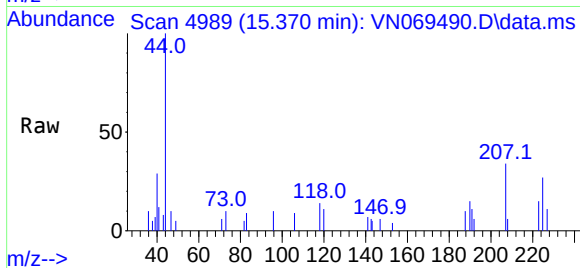
Tgt Ion:180 Resp: 3293
Ion Ratio Lower Upper
180 100
182 86.7 48.3 144.9
145 25.1 14.5 43.5





#94
Hexachlorobutadiene
Concen: 0.384 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13

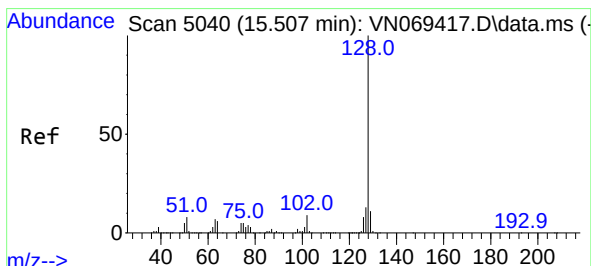
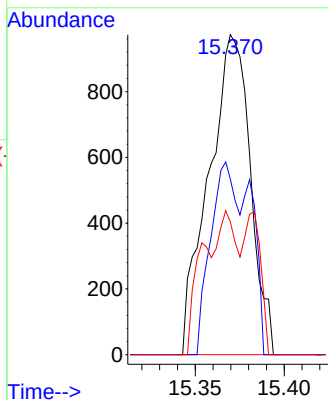
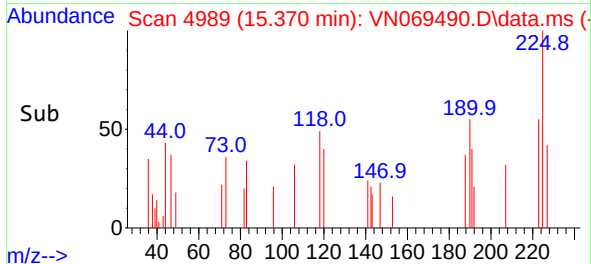
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



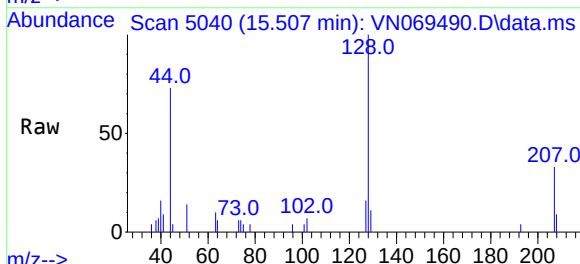
Tgt Ion:225 Resp: 1584
Ion Ratio Lower Upper
225 100
223 39.3 31.9 95.7
227 22.3 32.1 96.3

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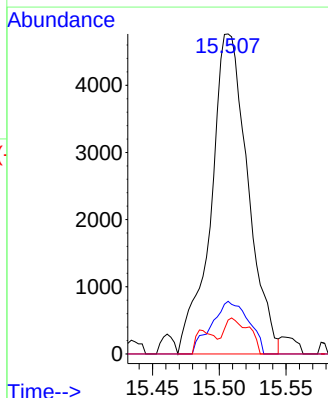
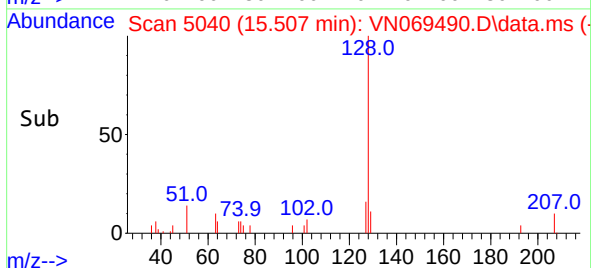
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

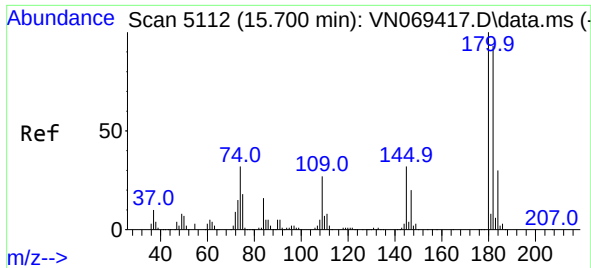


#95
Naphthalene
Concen: 4.806 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069490.D
Acq: 15 Nov 2021 14:13



Tgt Ion:128 Resp: 9157
Ion Ratio Lower Upper
128 100
127 16.6 10.5 15.7#
129 7.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.515 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.000 min
 Lab File: VN069490.D
 Acq: 15 Nov 2021 14:13

Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Tgt Ion:180 Resp: 2940
 Ion Ratio Lower Upper
 180 100
 182 120.1 47.4 142.2
 145 18.4 15.0 45.1

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Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021

