

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069532.D
 Acq On : 17 Nov 2021 16:09
 Operator : JC/MD
 Sample : M4068-07 2.5PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 18 08:17:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:10:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	941025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1572218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1372862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	485158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	748274	54.841	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.680%			
35) Dibromofluoromethane	8.024	113	495879	52.588	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.180%			
50) Toluene-d8	10.443	98	1942452	52.377	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.760%			
62) 4-Bromofluorobenzene	12.734	95	619057	45.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	20074	1.997	ug/l	93
3) Chloromethane	2.306	50	26869	2.305	ug/l	97
4) Vinyl Chloride	2.446	62	25524	2.186	ug/l	99
5) Bromomethane	2.853	94	16873	2.225	ug/l	99
6) Chloroethane	3.022	64	16736	2.124	ug/l	95
7) Trichlorofluoromethane	3.376	101	38020	2.107	ug/l	96
8) Diethyl Ether	3.821	74	13407	2.297	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.208	101	19999	2.353	ug/l #	81
10) Methyl Iodide	4.417	142	20894	2.004	ug/l	94
11) Tert butyl alcohol	5.377	59	23990m	9.757	ug/l	
12) 1,1-Dichloroethene	4.173	96	17683	2.318	ug/l #	91
13) Acrolein	4.044	56	6619m	17.136	ug/l	
14) Allyl chloride	4.838	41	35177	2.086	ug/l #	92
15) Acrylonitrile	5.557	53	66220	10.517	ug/l #	65
16) Acetone	4.296	43	73745	10.017	ug/l	97
17) Carbon Disulfide	4.529	76	33794	1.874	ug/l	95
18) Methyl Acetate	4.862	43	59011	2.466	ug/l #	75
19) Methyl tert-butyl Ether	5.621	73	67861	2.102	ug/l	96
20) Methylene Chloride	5.098	84	34440	3.299	ug/l	94
21) trans-1,2-Dichloroethene	5.591	96	17946	2.107	ug/l	88
22) Diisopropyl ether	6.495	45	74709	2.057	ug/l	91
23) Vinyl Acetate	6.439	43	272898m	9.714	ug/l	
24) 1,1-Dichloroethane	6.391	63	41205	2.227	ug/l	98
25) 2-Butanone	7.346	43	102500	10.283	ug/l	94
26) 2,2-Dichloropropane	7.327	77	27748	1.917	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	23914	2.265	ug/l	89
28) Bromochloromethane	7.659	49	26213	2.767	ug/l #	80
29) Tetrahydrofuran	7.694	42	64679	10.573	ug/l	91
30) Chloroform	7.818	83	42605	2.246	ug/l	96
31) Cyclohexane	8.094	56	61814	3.316	ug/l #	74
32) 1,1,1-Trichloroethane	8.013	97	31719	2.003	ug/l	94
36) 1,1-Dichloropropene	8.220	75	29288	2.214	ug/l	98
37) Ethyl Acetate	7.415	43	45447m	2.541	ug/l	
38) Carbon Tetrachloride	8.204	117	26465	2.072	ug/l	90
39) Methylcyclohexane	9.459	83	34338	2.087	ug/l	94
40) Benzene	8.461	78	92872	2.274	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	20895m	2.261	ug/l	
42) 1,2-Dichloroethane	8.534	62	39003	2.439	ug/l	90
43) Isopropyl Acetate	8.563	43	58987	2.054	ug/l	95
44) Trichloroethene	9.218	130	21844	2.235	ug/l	90
45) 1,2-Dichloropropane	9.491	63	25094	2.300	ug/l	100
46) Dibromomethane	9.582	93	15865	2.171	ug/l	90
47) Bromodichloromethane	9.762	83	27598	2.024	ug/l	92
48) Methyl methacrylate	9.561	41	25904	1.917	ug/l	93
49) 1,4-Dioxane	9.572	88	9482	39.340	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	192616	10.389	ug/l	94
52) Toluene	10.505	92	57682	2.267	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	23712	1.664	ug/l	95
54) cis-1,3-Dichloropropene	10.191	75	27911	1.795	ug/l #	88
55) 1,1,2-Trichloroethane	10.902	97	22639	2.208	ug/l	94
56) Ethyl methacrylate	10.762	69	32417	1.909	ug/l	89
57) 1,3-Dichloropropane	11.044	76	39326	2.182	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	36997	9.404	ug/l	92
59) 2-Hexanone	11.087	43	129529	9.374	ug/l	91
60) Dibromochloromethane	11.240	129	16548	1.724	ug/l	99
61) 1,2-Dibromoethane	11.344	107	20373	1.962	ug/l	98
64) Tetrachloroethene	10.982	164	21607	2.607	ug/l	96
65) Chlorobenzene	11.771	112	58253	2.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	17482	1.972	ug/l #	64
67) Ethyl Benzene	11.846	91	101747	2.159	ug/l	95
68) m/p-Xylenes	11.953	106	70180	4.049	ug/l	93
69) o-Xylene	12.280	106	35249	2.040	ug/l	94
70) Styrene	12.296	104	51778	1.865	ug/l	96
71) Bromoform	12.457	173	10575	1.672	ug/l #	99
73) Isopropylbenzene	12.581	105	88720	2.297	ug/l	100
74) N-amyl acetate	12.393	43	31605	1.931	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.827	83	33455	2.568	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	26612m	2.377	ug/l	
77) Bromobenzene	12.862	156	22318	2.526	ug/l	80
78) n-propylbenzene	12.921	91	99176	2.282	ug/l	94
79) 2-Chlorotoluene	13.010	91	64428	2.394	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	71097	2.277	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	4395m	1.317	ug/l	
82) 4-Chlorotoluene	13.106	91	59746	2.329	ug/l	91
83) tert-Butylbenzene	13.326	119	64373	2.352	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	65249	2.164	ug/l	94
85) sec-Butylbenzene	13.503	105	81881	2.142	ug/l	98
86) p-Isopropyltoluene	13.619	119	60842	2.005	ug/l	95
87) 1,3-Dichlorobenzene	13.621	146	34083	2.225	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	33329	2.218	ug/l	90
89) n-Butylbenzene	13.946	91	46867	1.852	ug/l	97
90) Hexachloroethane	14.211	117	9362	1.881	ug/l	83
91) 1,2-Dichlorobenzene	13.991	146	34571	2.372	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	3971	1.886	ug/l #	60
93) 1,2,4-Trichlorobenzene	15.265	180	9647	1.502	ug/l	95
94) Hexachlorobutadiene	15.370	225	8539	2.255	ug/l	93
95) Naphthalene	15.507	128	24962	1.450	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.700	180	10426	1.695	ug/l	98

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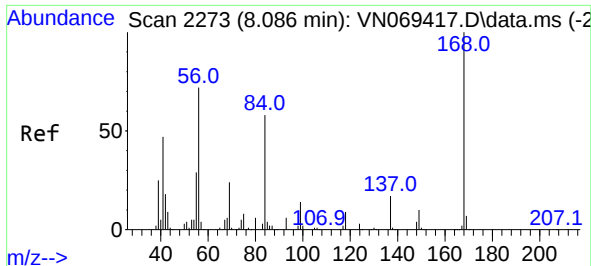
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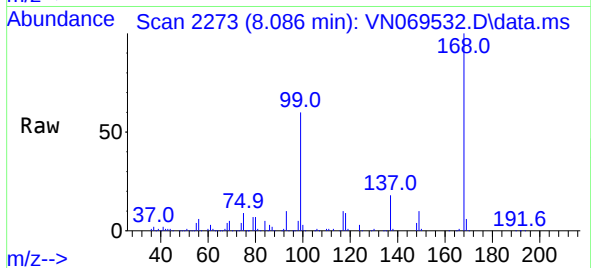
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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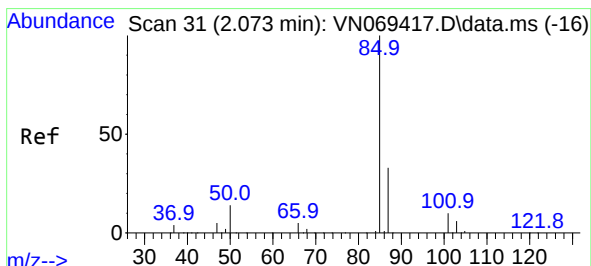
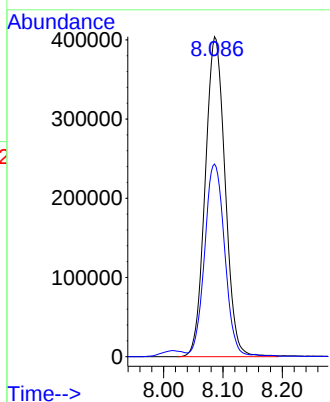
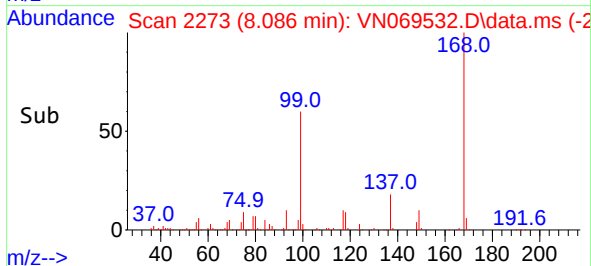
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Tgt Ion:168 Resp: 94102
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

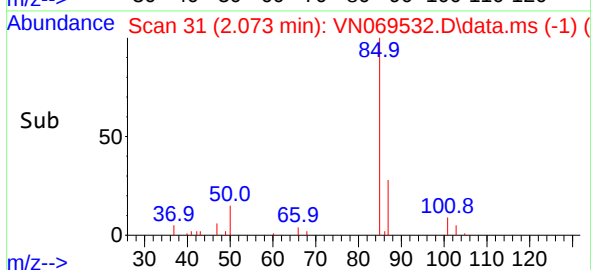
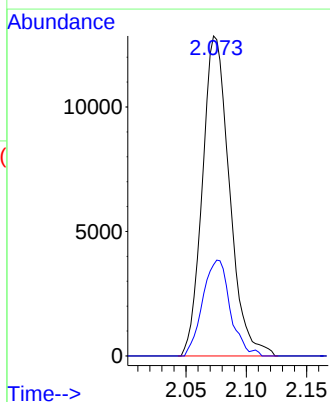
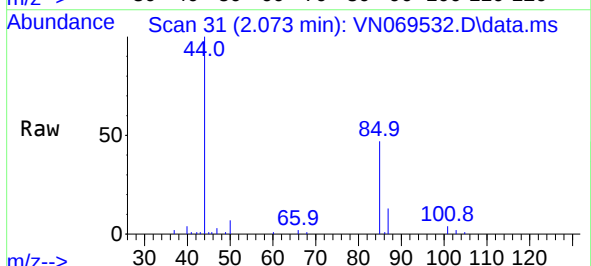
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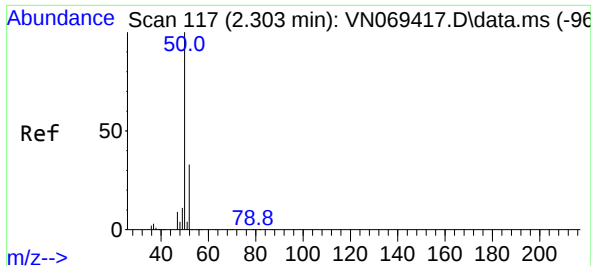
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#2
Dichlorodifluoromethane
Concen: 1.997 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 85 Resp: 20074
Ion Ratio Lower Upper
85 100
87 28.5 16.3 48.9





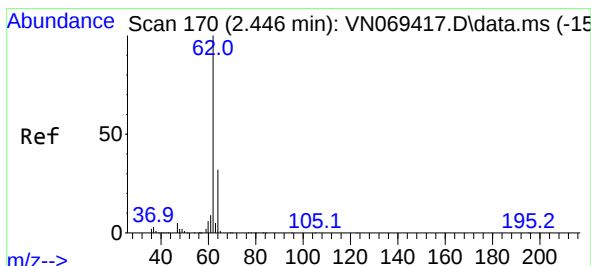
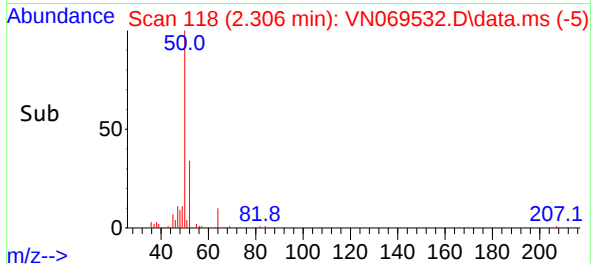
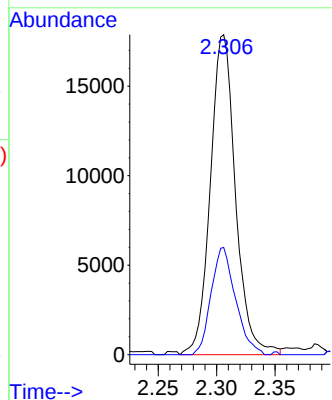
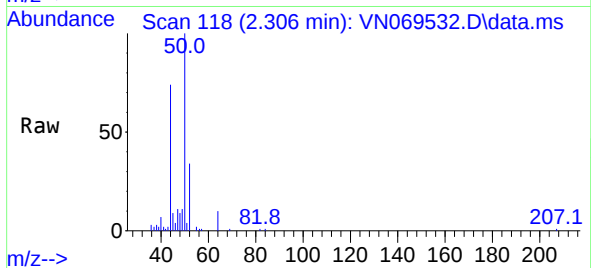
#3
Chloromethane
Concen: 2.305 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069532.D
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Tgt Ion: 50 Resp: 26869
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.0

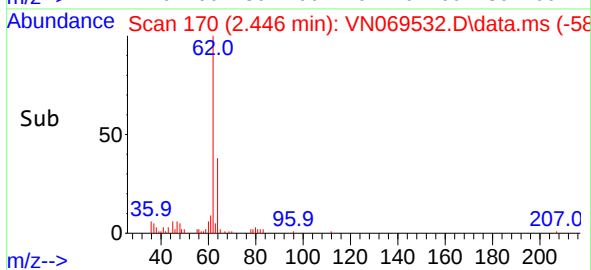
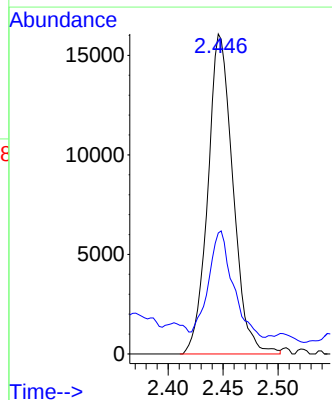
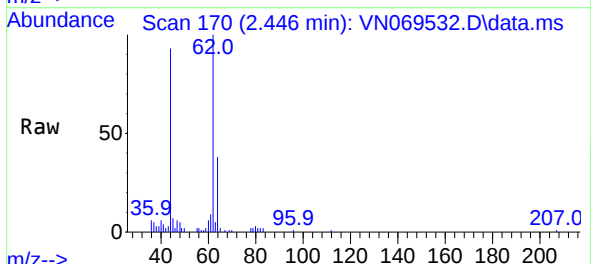
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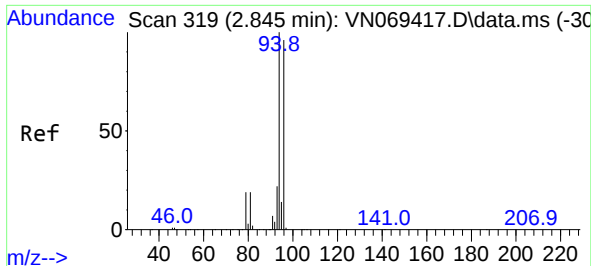
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#4
Vinyl Chloride
Concen: 2.186 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

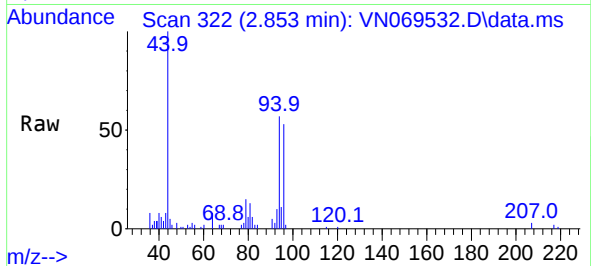
Tgt Ion: 62 Resp: 25524
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 2.225 ug/l
RT: 2.853 min Scan# 319
Delta R.T. 0.008 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

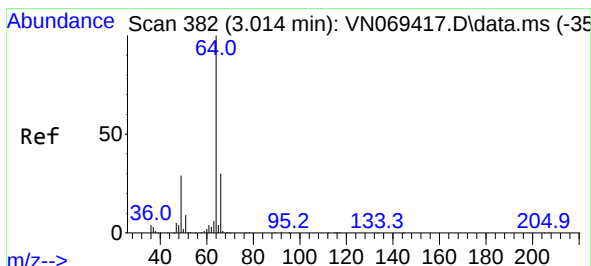
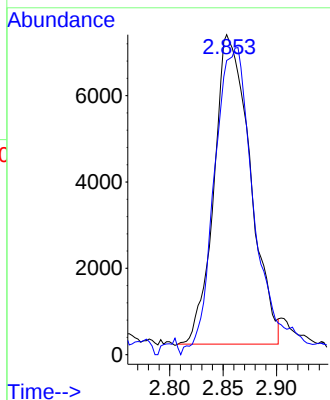
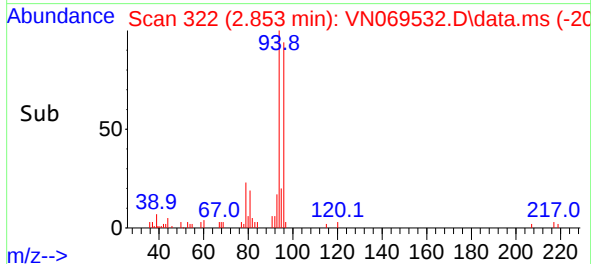
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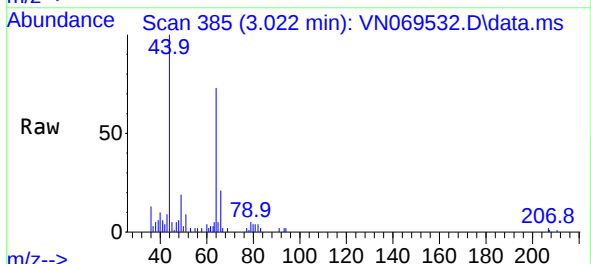
Tgt Ion: 94 Resp: 1687
Ion Ratio Lower Upper
94 100
96 92.9 73.8 110.8

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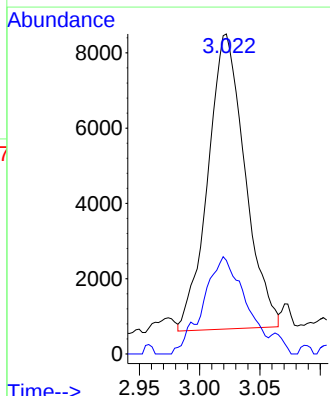
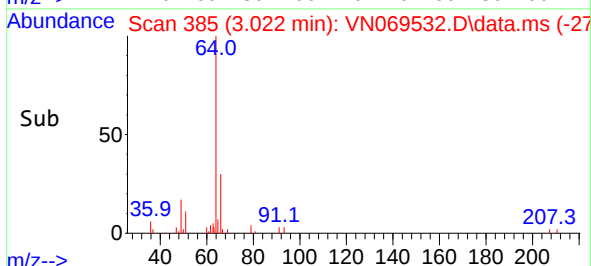
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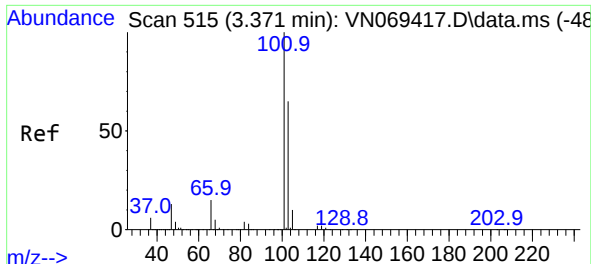


#6
Chloroethane
Concen: 2.124 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



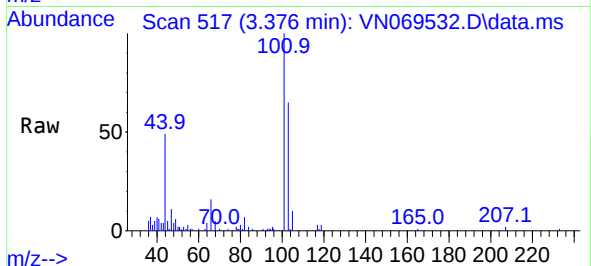
Tgt Ion: 64 Resp: 16736
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 2.107 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069532.D
 Acq: 17 Nov 2021 16:09

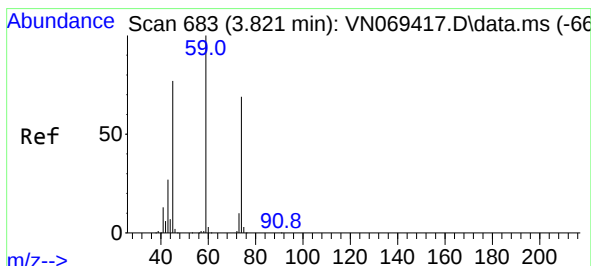
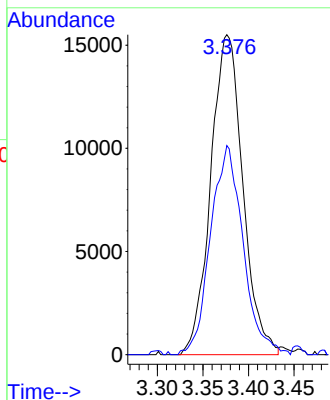
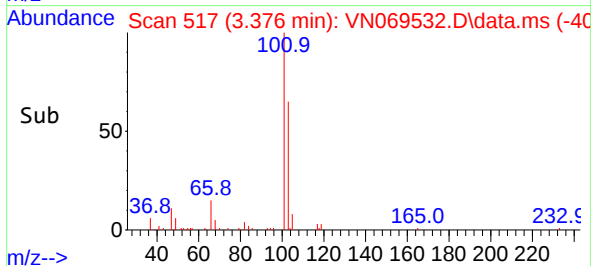
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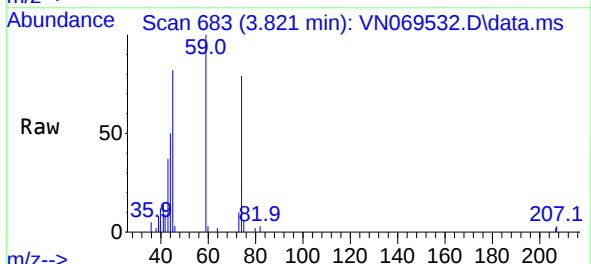
Tgt Ion:101 Resp: 38020
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.1 75.1

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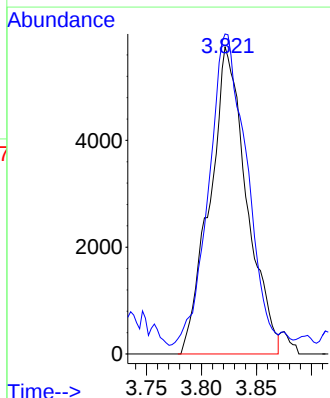
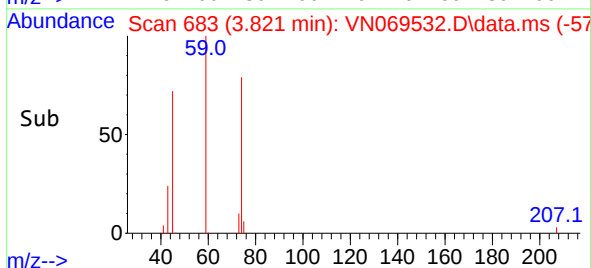
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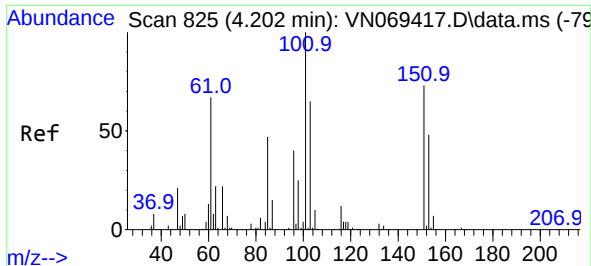


#8
 Diethyl Ether
 Concen: 2.297 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN069532.D
 Acq: 17 Nov 2021 16:09



Tgt Ion: 74 Resp: 13407
 Ion Ratio Lower Upper
 74 100
 45 103.1 47.0 141.2





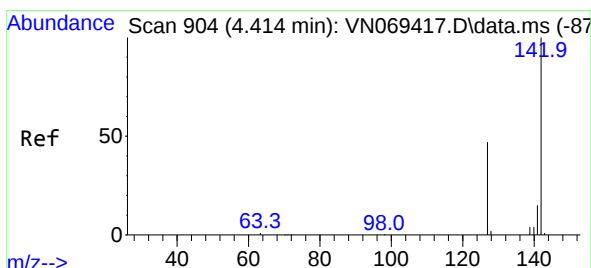
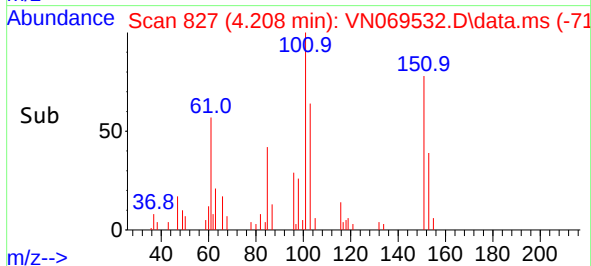
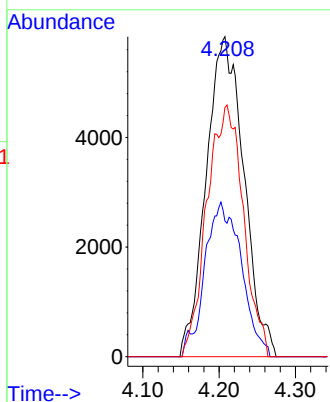
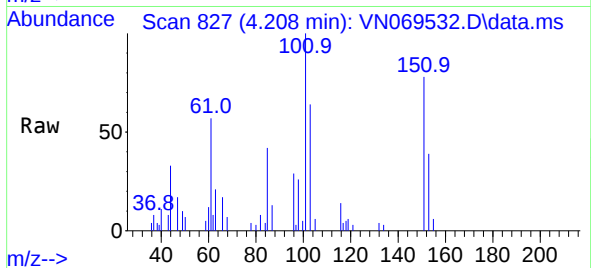
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.353 ug/l
RT: 4.208 min Scan# 825
Delta R.T. 0.006 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:101 Resp: 1999
Ion Ratio Lower Upper
101 100
85 20.6 37.2 55.8
151 76.0 65.9 98.9

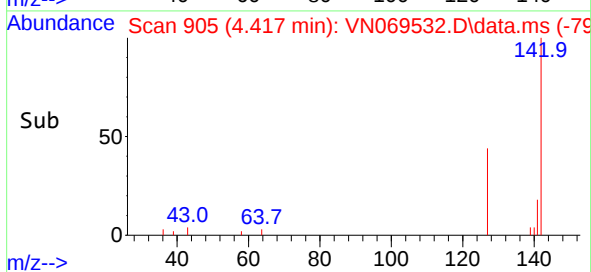
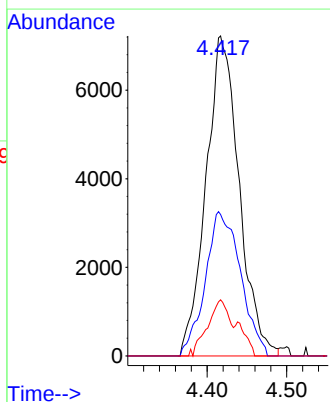
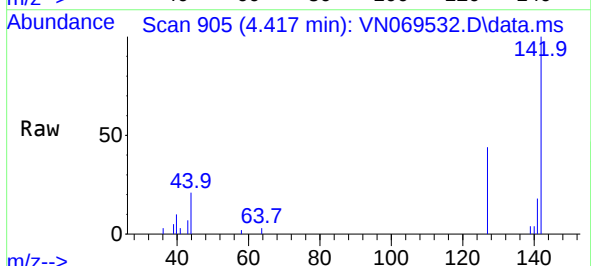
Manual Integrations
APPROVED

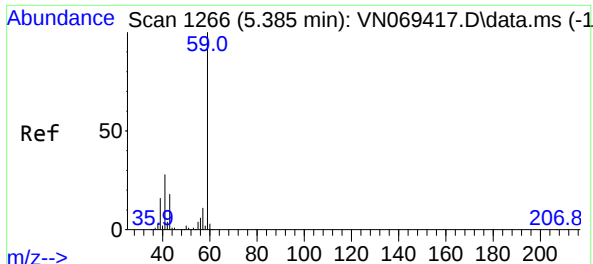
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 2.004 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

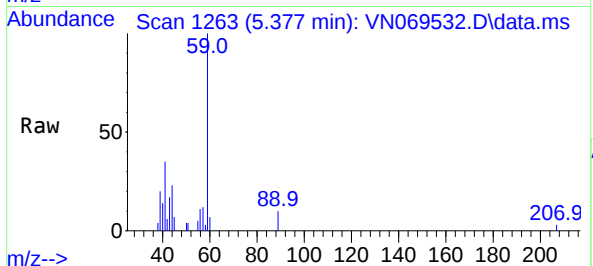
Tgt Ion:142 Resp: 20894
Ion Ratio Lower Upper
142 100
127 47.9 35.4 53.0
141 11.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 9.757 ug/l m
RT: 5.377 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

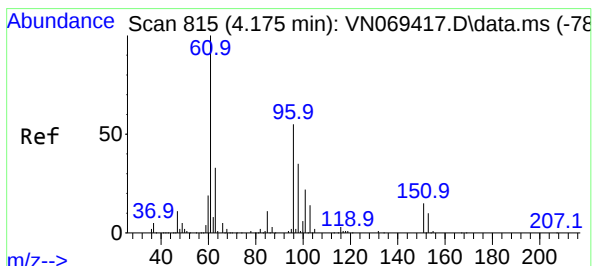
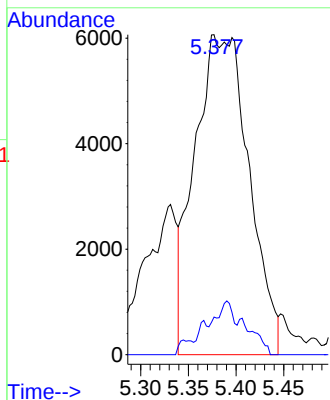
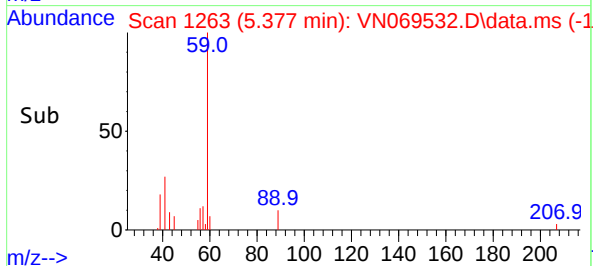
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



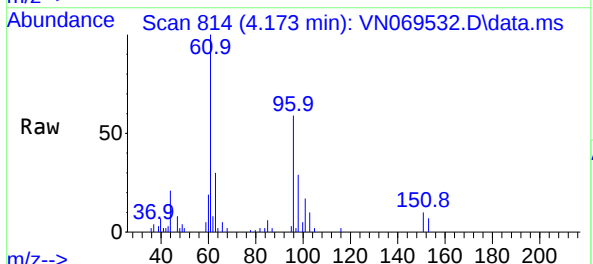
Tgt Ion: 59 Resp: 23990
Ion Ratio Lower Upper
59 100
57 2.6 8.7 13.1

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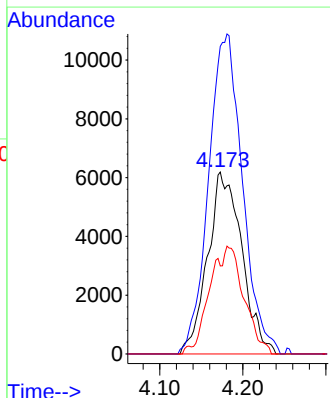
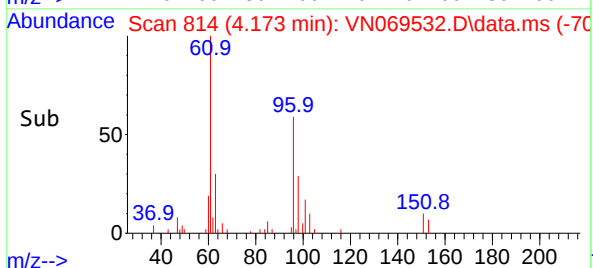
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 2.318 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.002 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



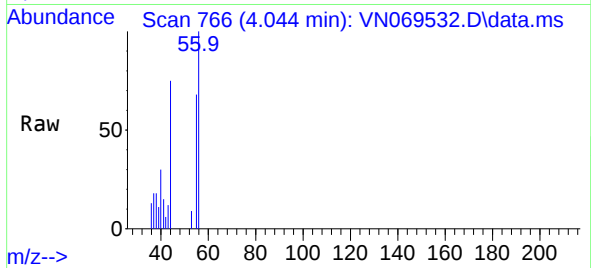
Tgt Ion: 96 Resp: 17683
Ion Ratio Lower Upper
96 100
61 169.1 131.0 196.6
98 48.3 52.4 78.6





#13
Acrolein
Concen: 17.136 ug/l m
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

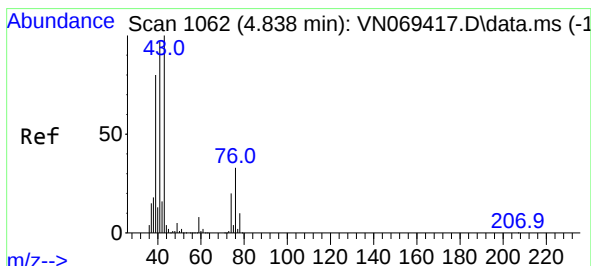
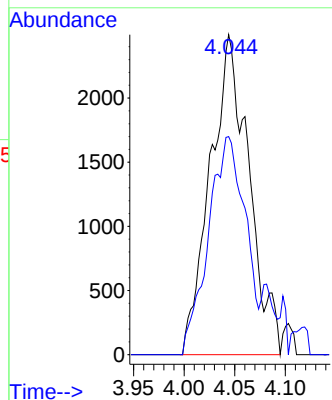
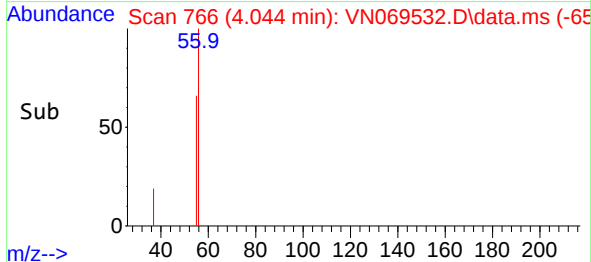
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



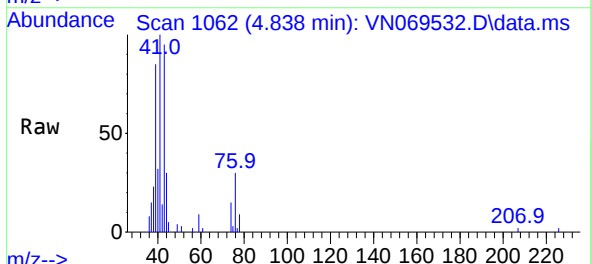
Tgt Ion: 56 Resp: 6619
Ion Ratio Lower Upper
56 100
55 65.0 56.6 85.0

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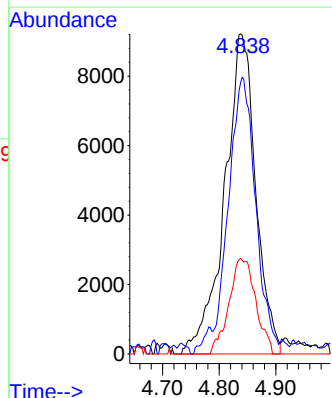
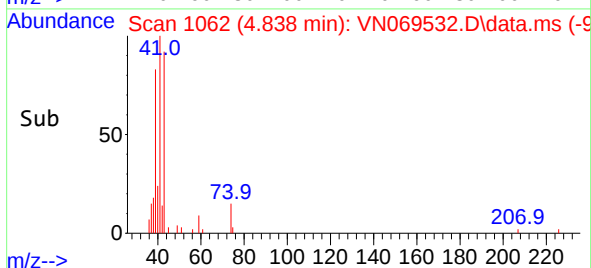
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

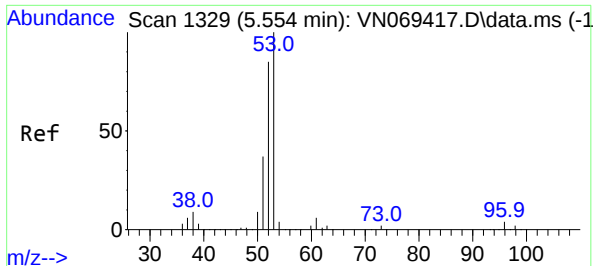


#14
Allyl chloride
Concen: 2.086 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 41 Resp: 35177
Ion Ratio Lower Upper
41 100
39 70.7 61.2 91.8
76 25.6 26.0 39.0#





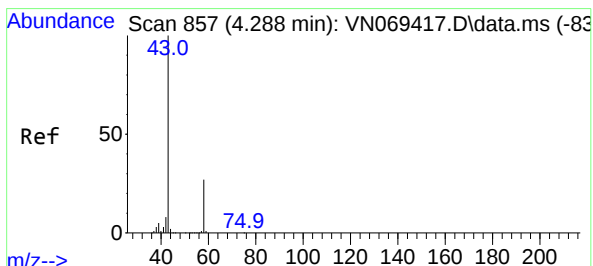
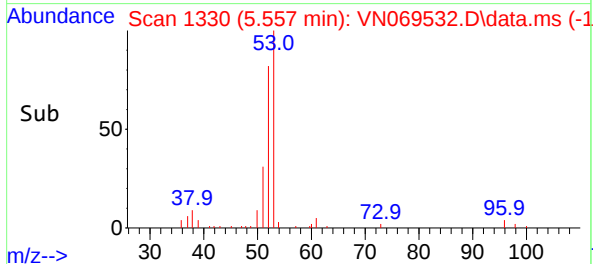
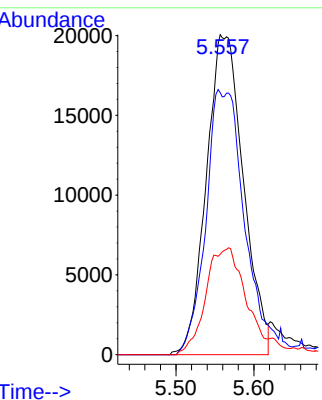
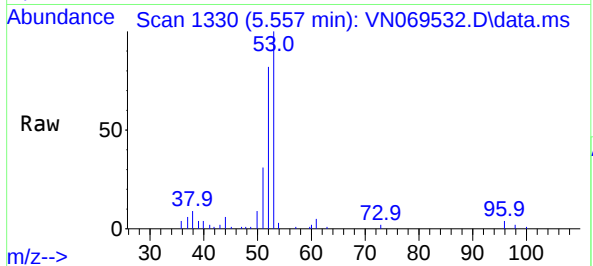
#15
Acrylonitrile
Concen: 10.517 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 53 Resp: 66220
Ion Ratio Lower Upper
53 100
52 38.0 66.2 99.2
51 35.9 29.6 44.4

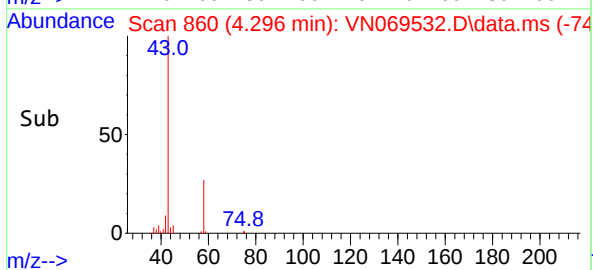
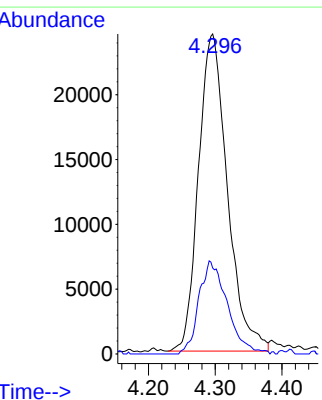
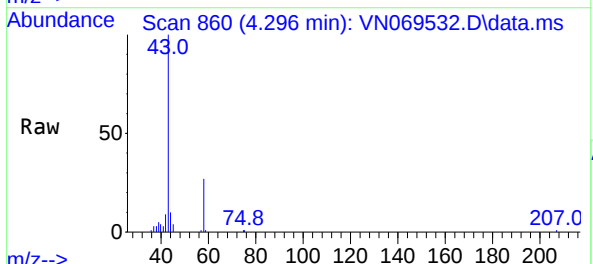
Manual Integrations
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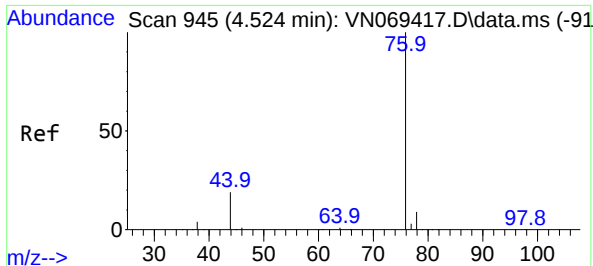
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 10.017 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 43 Resp: 73745
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





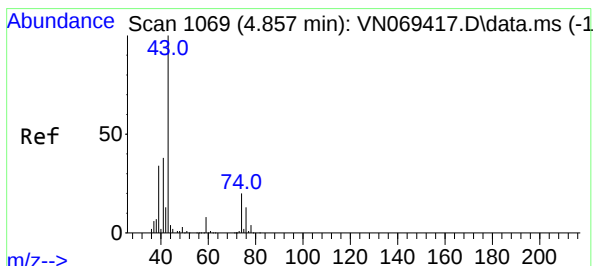
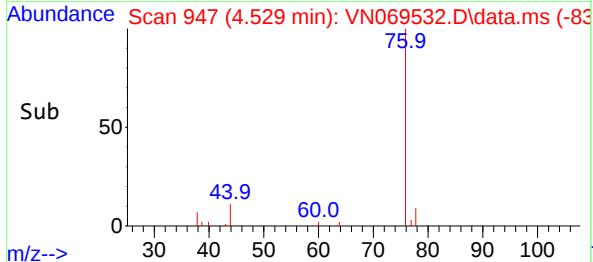
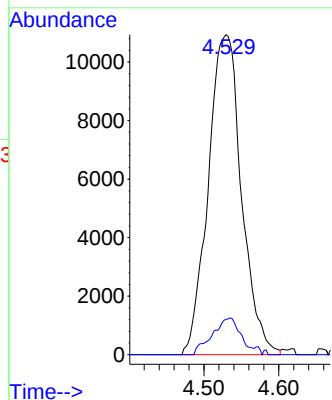
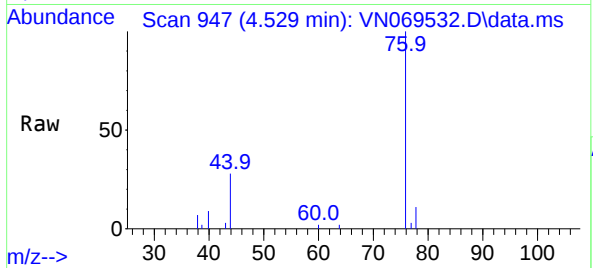
#17
Carbon Disulfide
Concen: 1.874 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 76 Resp: 33794
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3

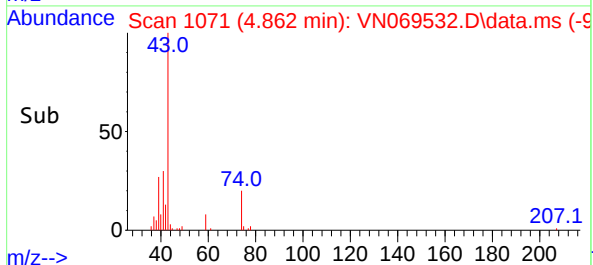
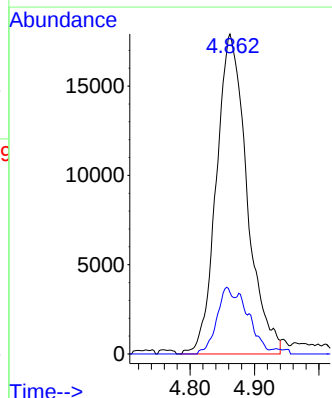
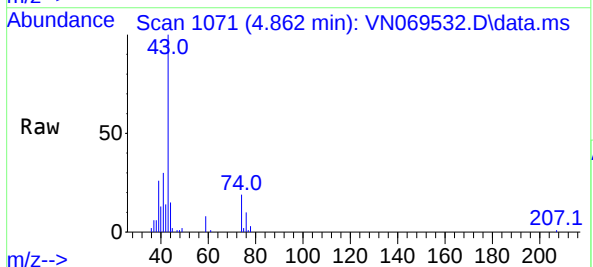
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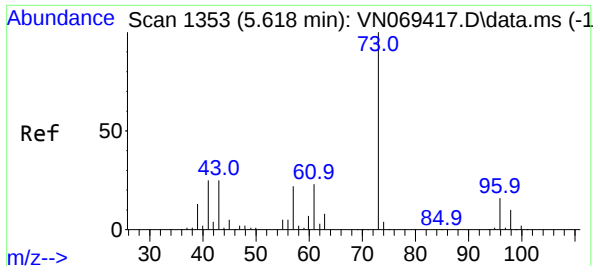
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 2.466 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 43 Resp: 59011
Ion Ratio Lower Upper
43 100
74 11.8 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 2.102 ug/l

RT: 5.621 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 73 Resp: 6786

Ion Ratio Lower Upper

73 100

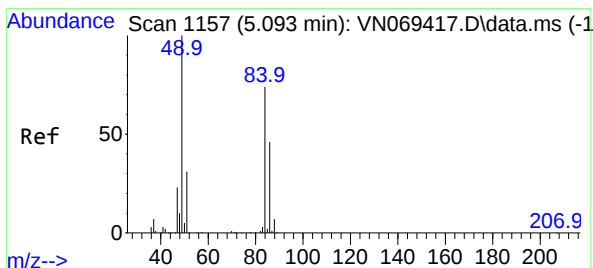
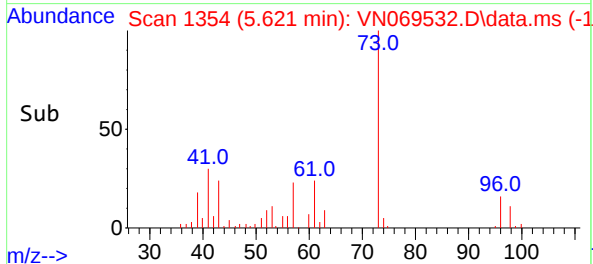
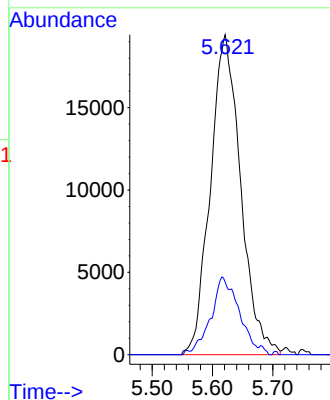
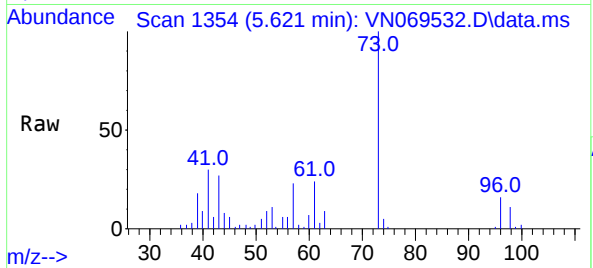
57 22.7 16.8 25.2

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 3.299 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.005 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Tgt Ion: 84 Resp: 34440

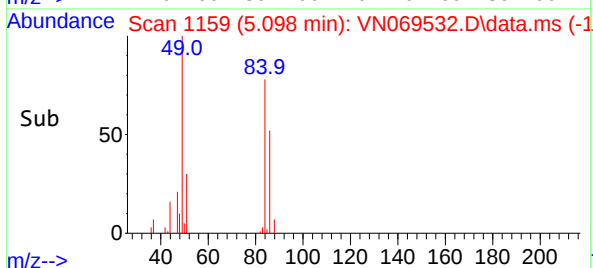
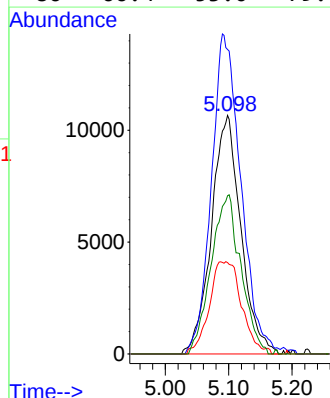
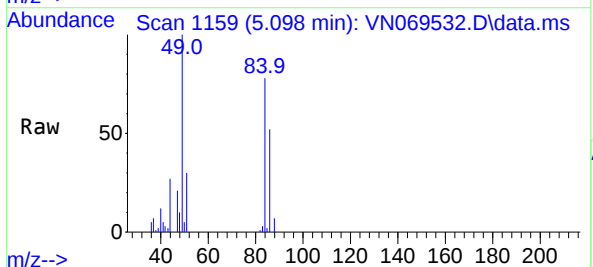
Ion Ratio Lower Upper

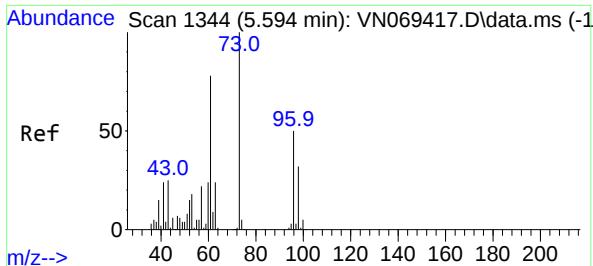
84 100

49 127.7 93.5 140.3

51 38.3 29.4 44.2

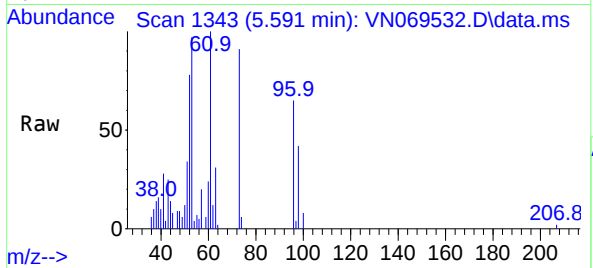
86 66.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 2.107 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

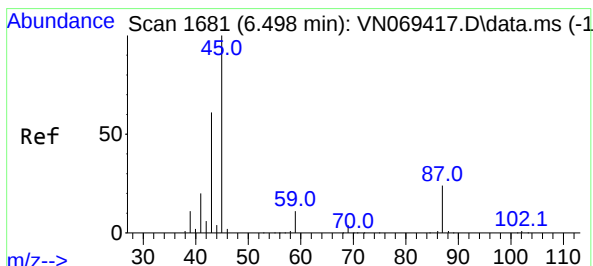
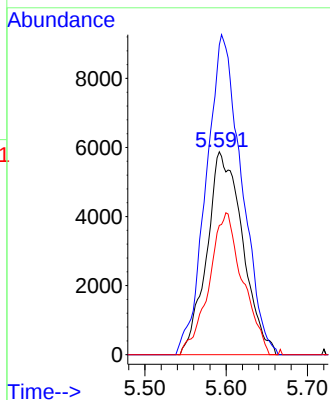
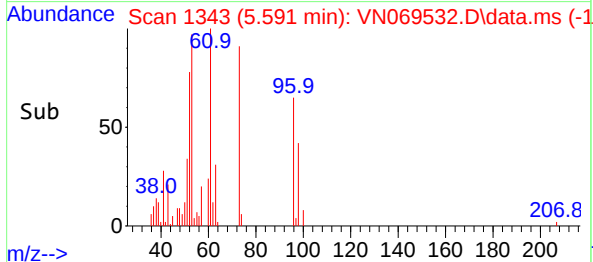
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



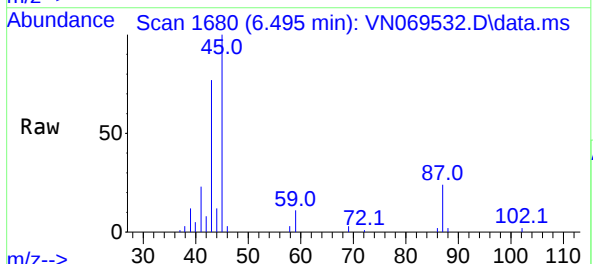
Tgt Ion: 96 Resp: 17940
Ion Ratio Lower Upper
96 100
61 152.7 105.8 158.6
98 63.7 52.0 78.0

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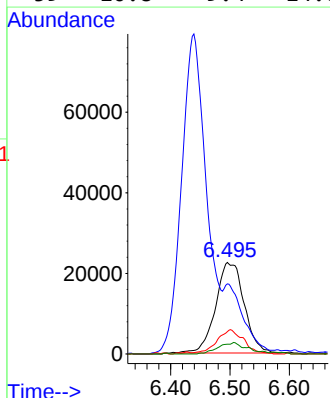
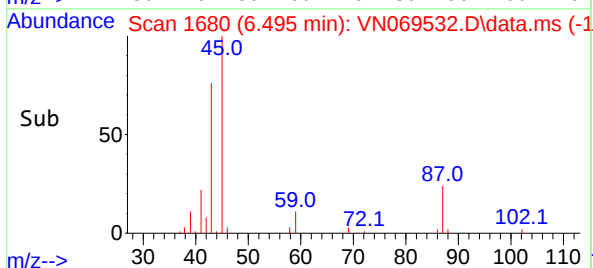
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

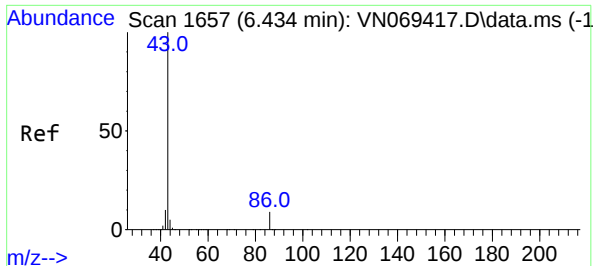


#22
Diisopropyl ether
Concen: 2.057 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



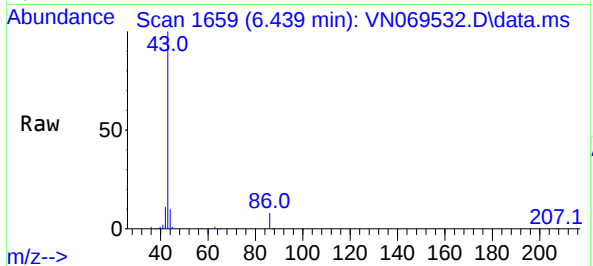
Tgt Ion: 45 Resp: 74709
Ion Ratio Lower Upper
45 100
43 72.7 51.7 77.5
87 24.6 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 9.714 ug/l m
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.005 min
 Lab File: VN069532.D
 Acq: 17 Nov 2021 16:09

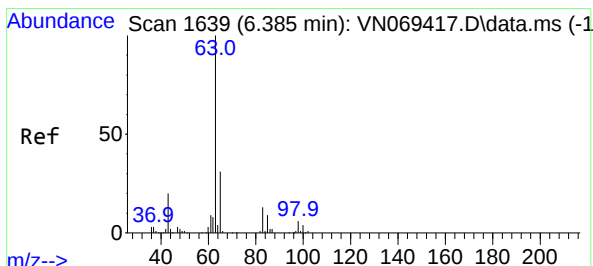
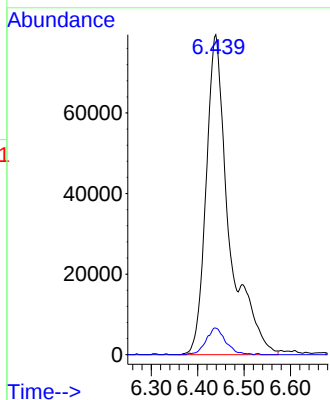
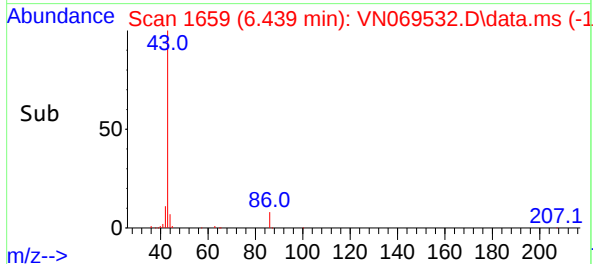
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2021



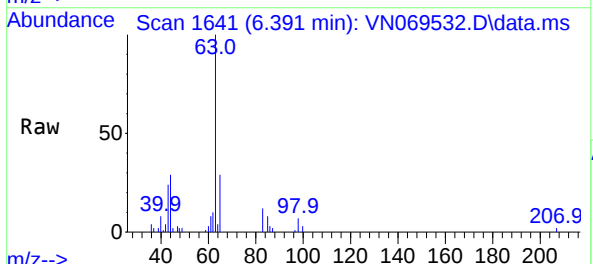
Tgt Ion: 43 Resp: 272898
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

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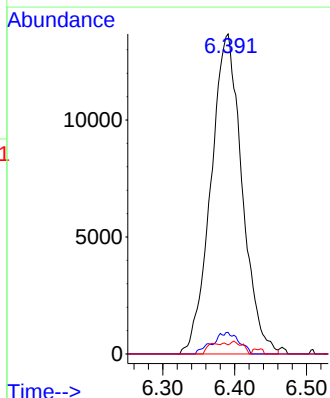
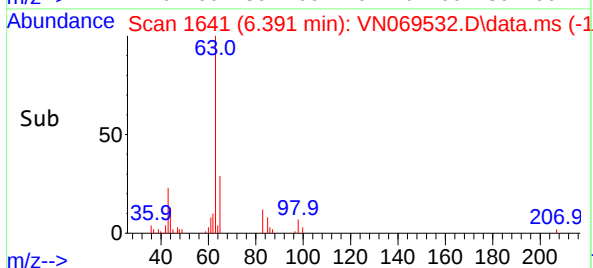
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

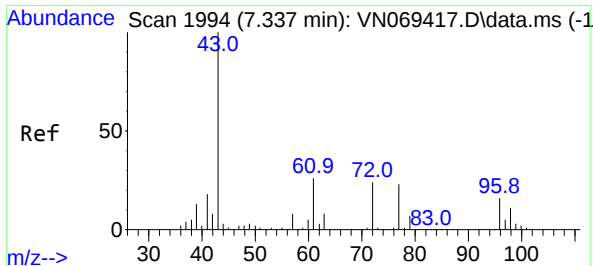


#24
 1,1-Dichloroethane
 Concen: 2.227 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. 0.006 min
 Lab File: VN069532.D
 Acq: 17 Nov 2021 16:09



Tgt Ion: 63 Resp: 41205
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 2.9 2.1 6.5





#25

2-Butanone

Concen: 10.283 ug/l

RT: 7.346 min Scan# 1997

Delta R.T. 0.009 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 102500

Ion Ratio Lower Upper

43 100

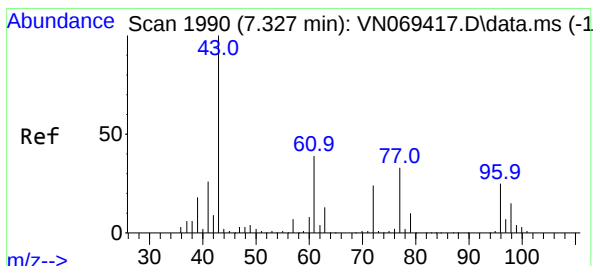
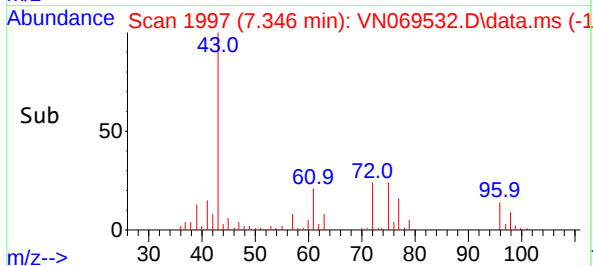
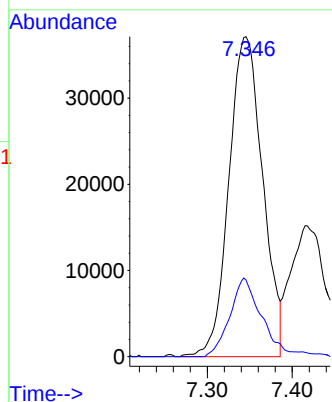
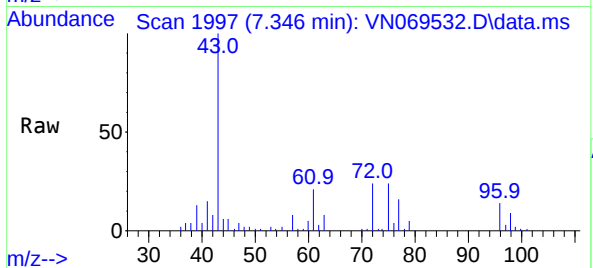
72 24.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 1.917 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069532.D

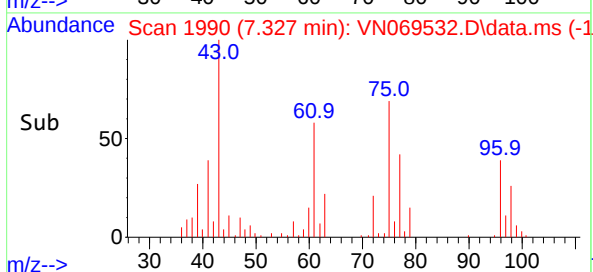
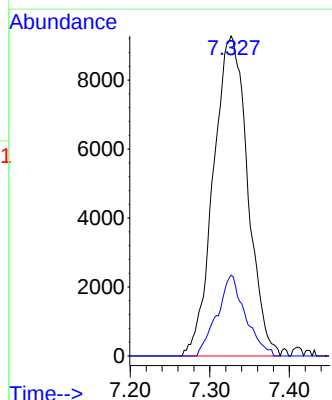
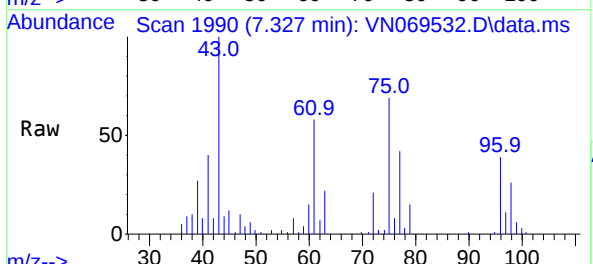
Acq: 17 Nov 2021 16:09

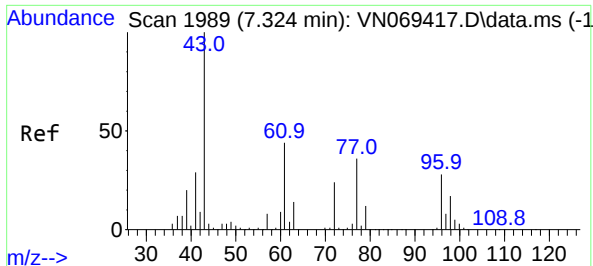
Tgt Ion: 77 Resp: 27748

Ion Ratio Lower Upper

77 100

97 20.8 11.6 34.8





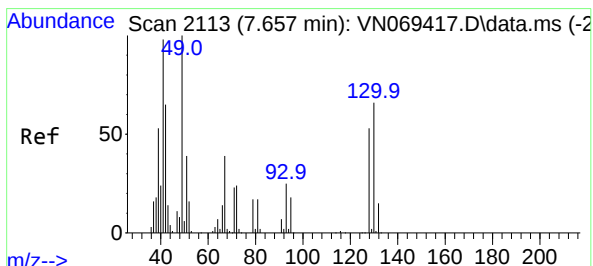
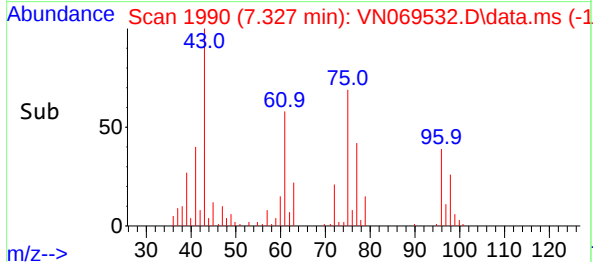
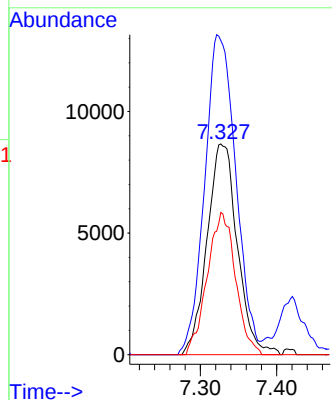
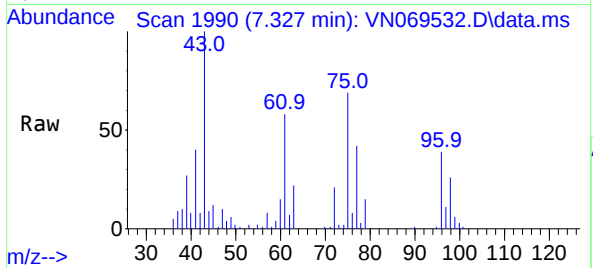
#27
cis-1,2-Dichloroethene
Concen: 2.265 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 96 Resp: 23914
Ion Ratio Lower Upper
96 100
61 156.0 0.0 275.0
98 62.9 0.0 129.6

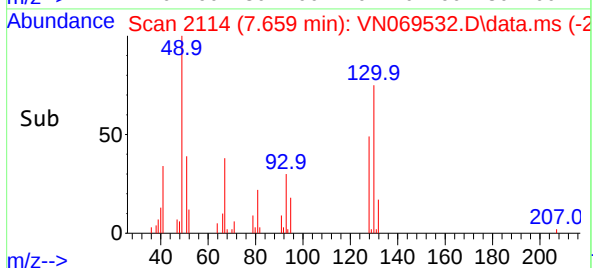
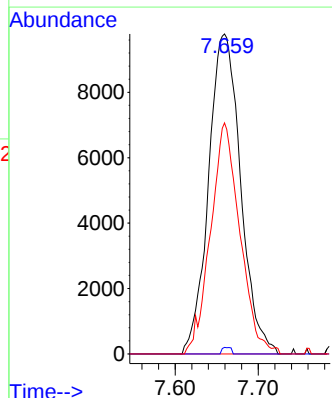
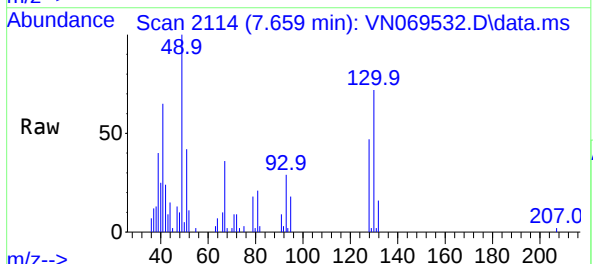
Manual Integrations
APPROVED

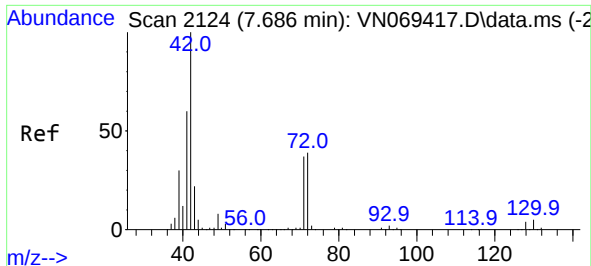
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 2.767 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 49 Resp: 26213
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 66.0 67.8 101.8#





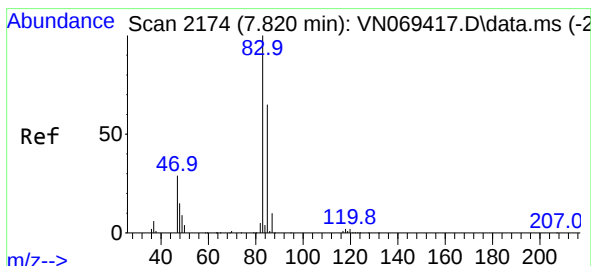
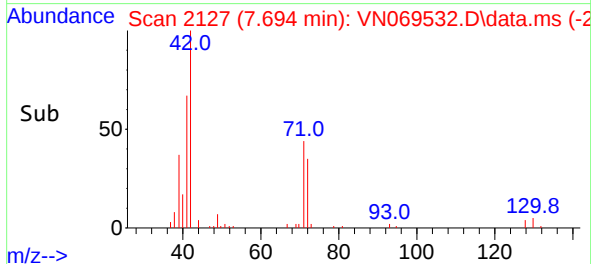
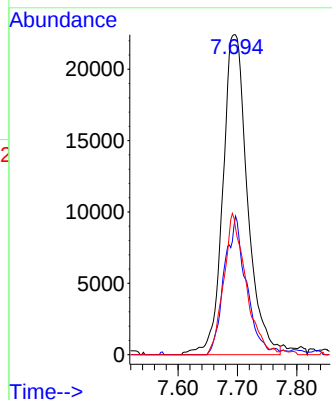
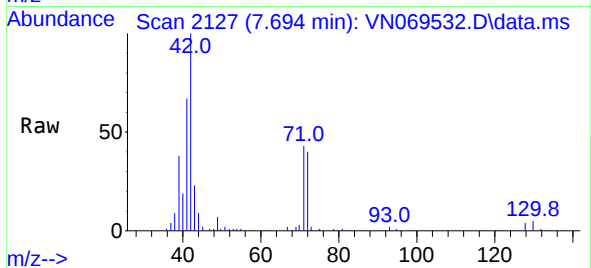
#29
Tetrahydrofuran
Concen: 10.573 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.008 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 42 Resp: 64679
Ion Ratio Lower Upper
42 100
72 38.1 36.3 54.5
71 39.2 34.7 52.1

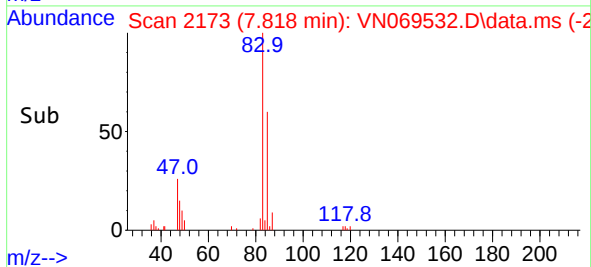
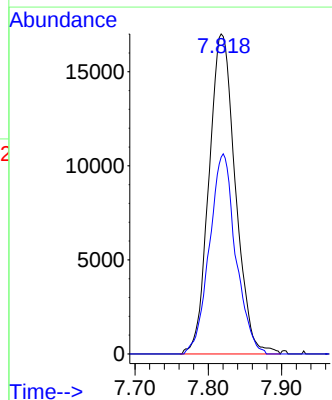
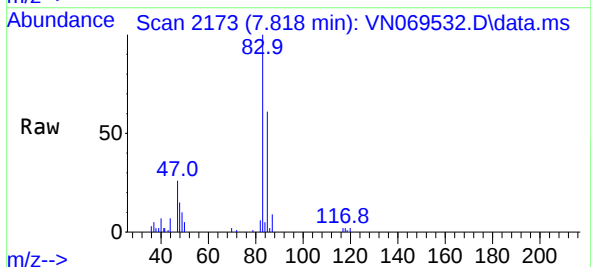
Manual Integrations
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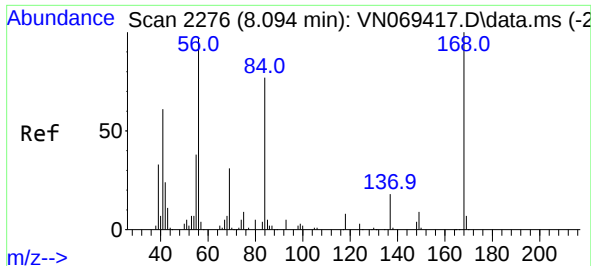
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#30
Chloroform
Concen: 2.246 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

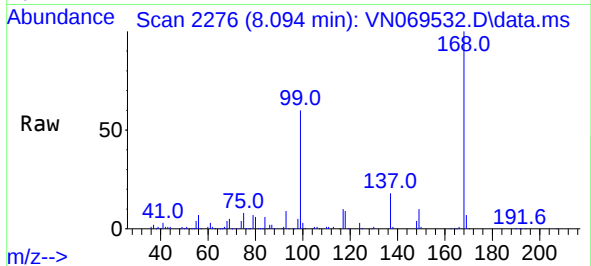
Tgt Ion: 83 Resp: 42605
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9





#31
Cyclohexane
Concen: 3.316 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

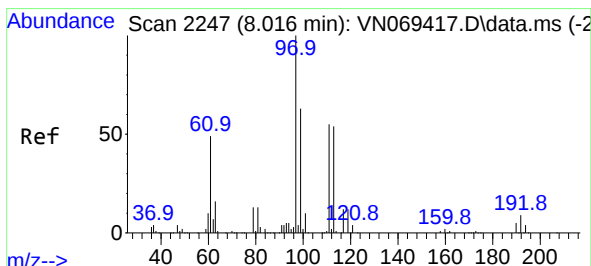
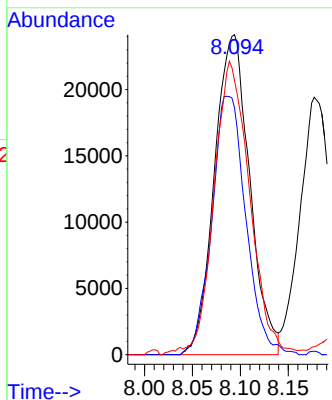
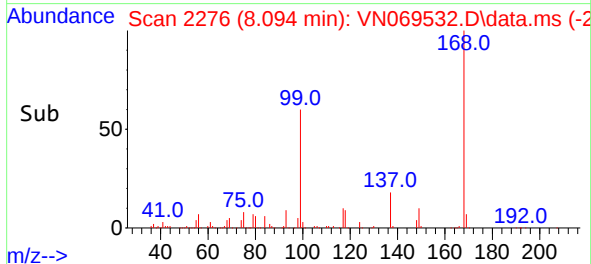
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



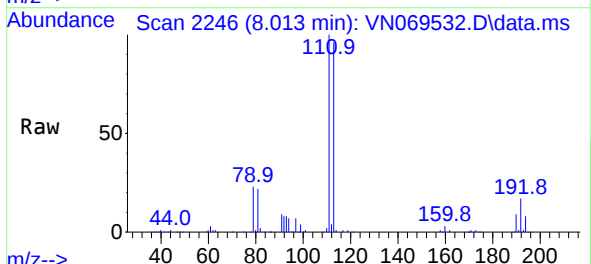
Tgt Ion: 56 Resp: 61814
Ion Ratio Lower Upper
56 100
69 77.1 27.1 40.7
84 83.8 73.4 110.0

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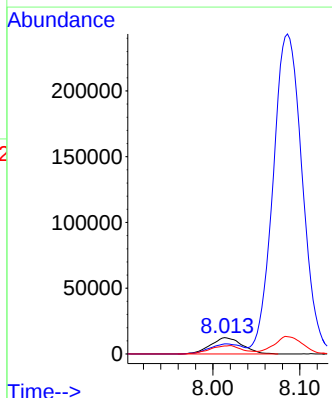
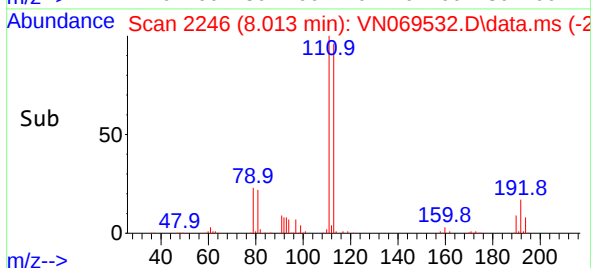
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 2.003 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 97 Resp: 31719
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 52.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.841 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 65 Resp: 748274

Ion Ratio Lower Upper

65 100

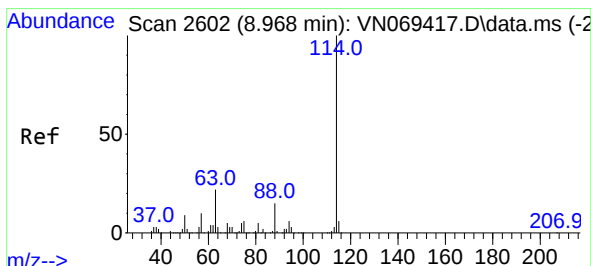
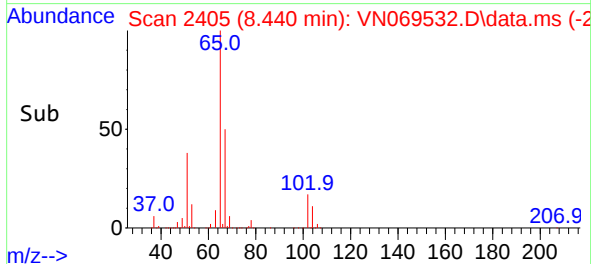
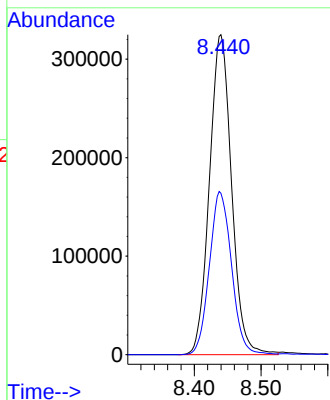
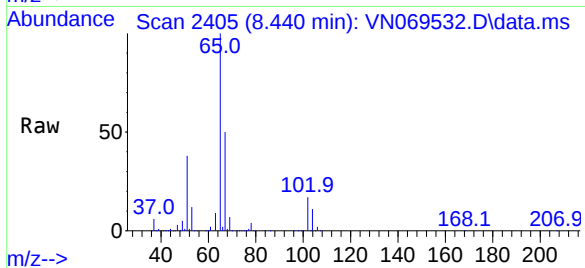
67 51.1 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

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: VN069532.D

Acq: 17 Nov 2021 16:09

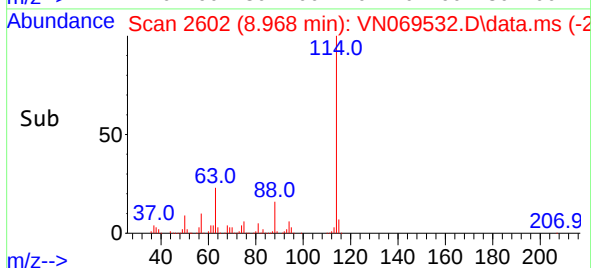
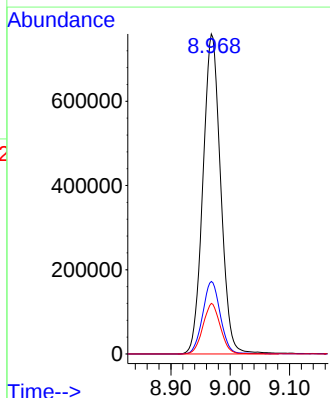
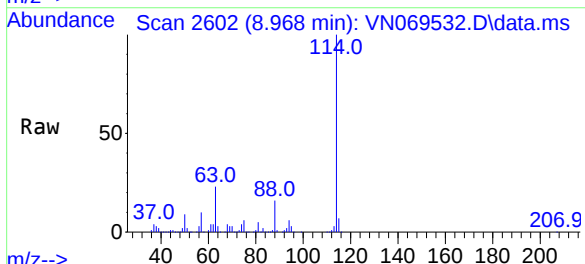
Tgt Ion:114 Resp: 1572218

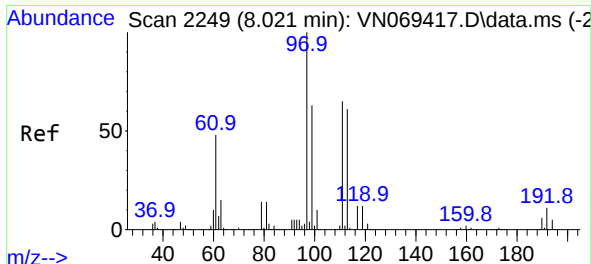
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

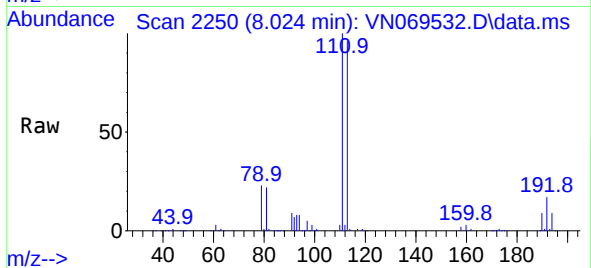
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.588 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

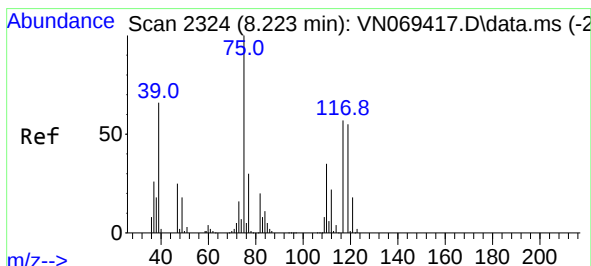
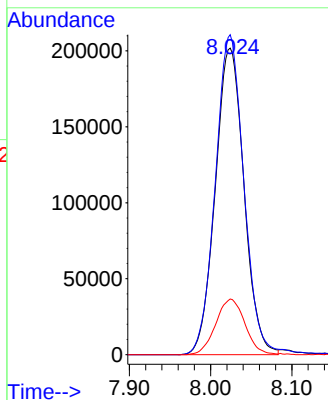
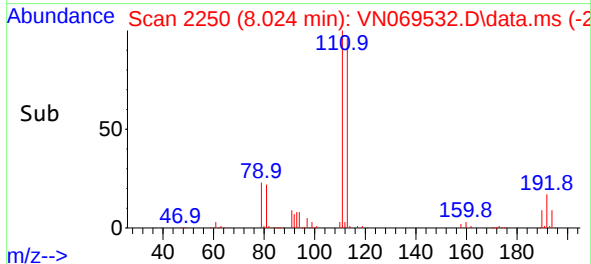
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



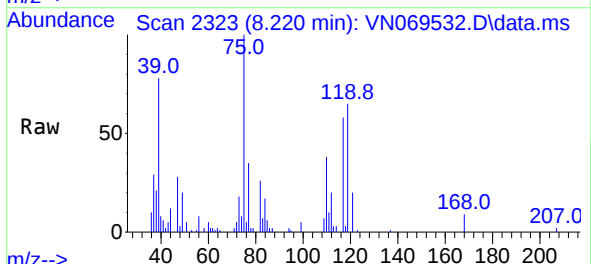
Tgt Ion: 113 Resp: 495879
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.5 16.9 25.3

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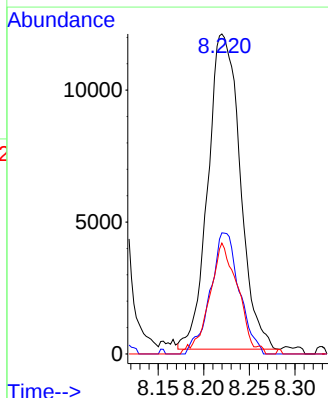
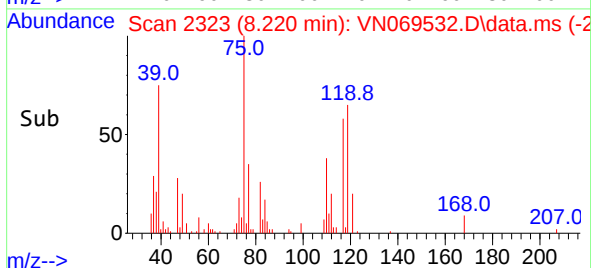
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

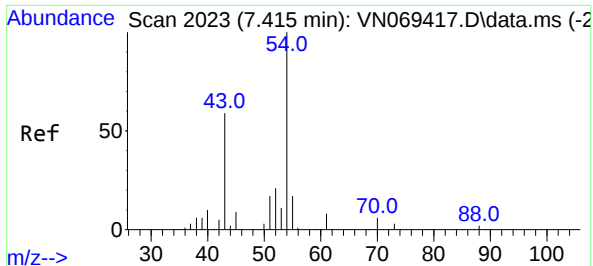


#36
1,1-Dichloropropene
Concen: 2.214 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 75 Resp: 29288
Ion Ratio Lower Upper
75 100
110 34.6 18.4 55.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 2.541 ug/l m

RT: 7.415 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 4544

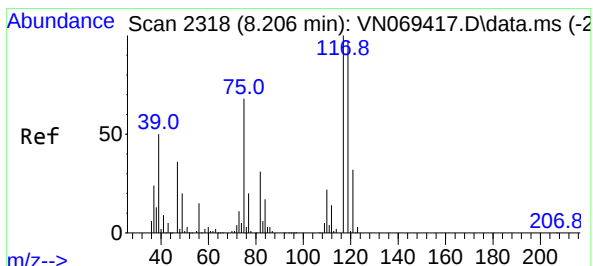
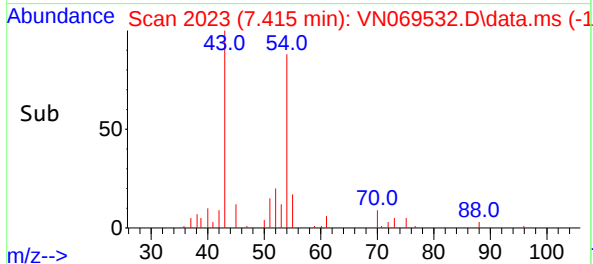
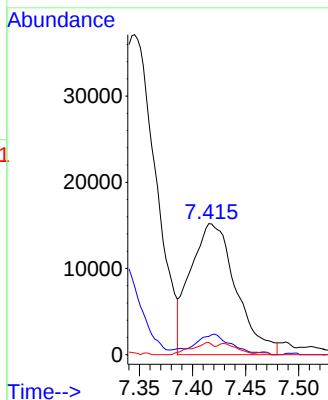
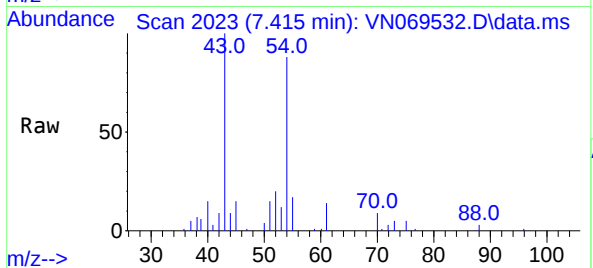
Ion	Ratio	Lower	Upper
43	100		
61	11.6	11.5	17.3
70	4.3	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#38

Carbon Tetrachloride

Concen: 2.072 ug/l

RT: 8.204 min Scan# 2317

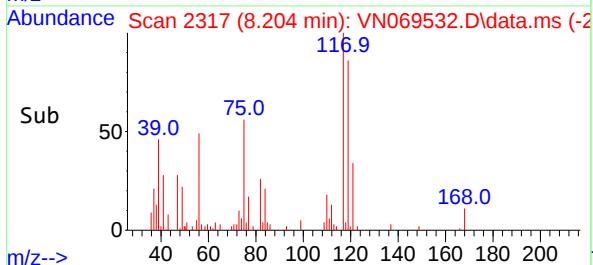
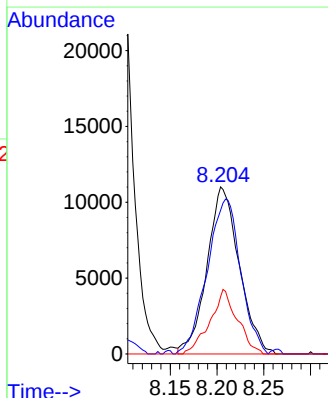
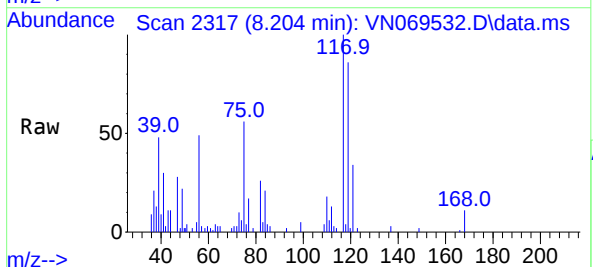
Delta R.T. -0.002 min

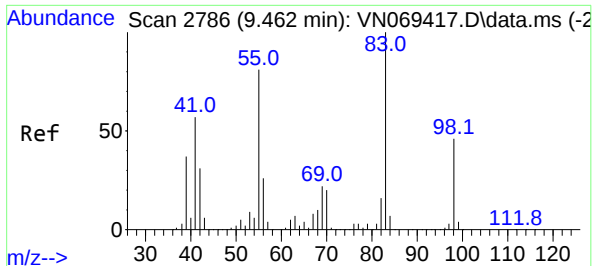
Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Tgt Ion: 117 Resp: 26465

Ion	Ratio	Lower	Upper
117	100		
119	84.4	76.1	114.1
121	34.3	24.2	36.2





#39

Methylcyclohexane

Concen: 2.087 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 83 Resp: 34338

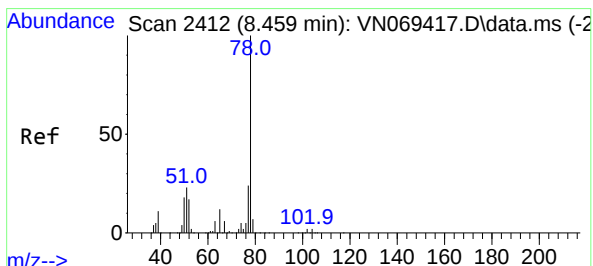
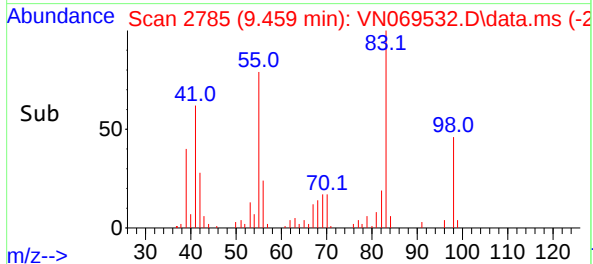
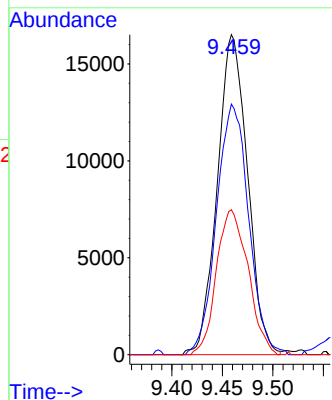
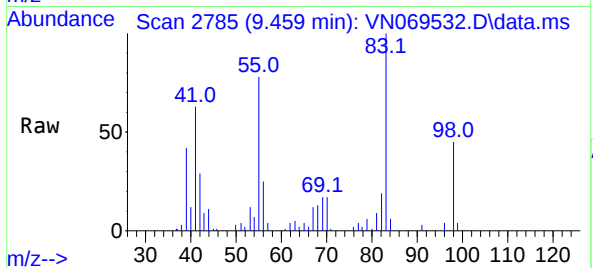
Ion	Ratio	Lower	Upper
83	100		
55	78.3	58.1	87.1
98	45.3	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 2.274 ug/l

RT: 8.461 min Scan# 2413

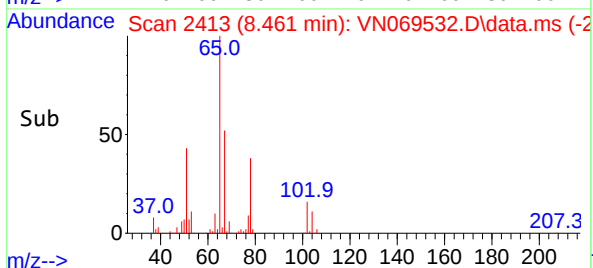
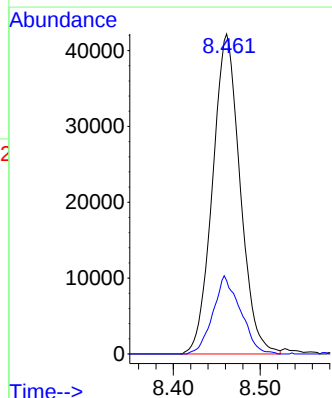
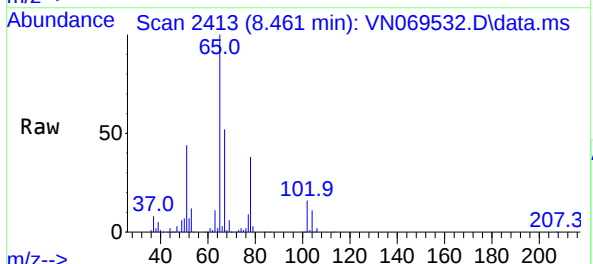
Delta R.T. 0.002 min

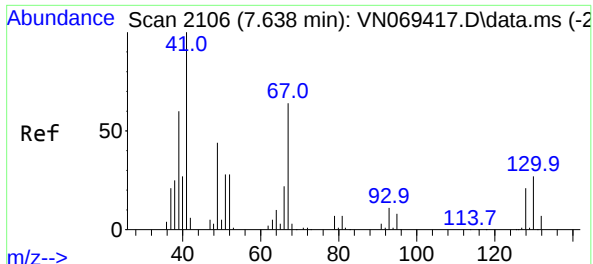
Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Tgt Ion: 78 Resp: 92872

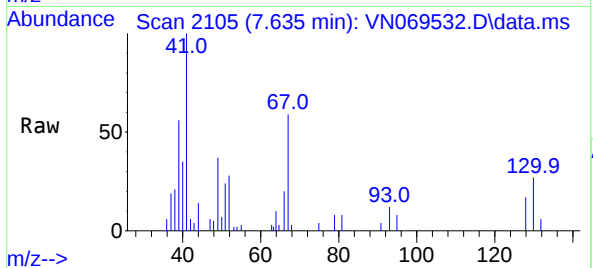
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8





#41
Methacrylonitrile
Concen: 2.261 ug/l m
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

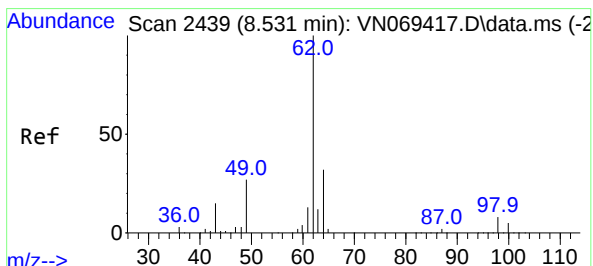
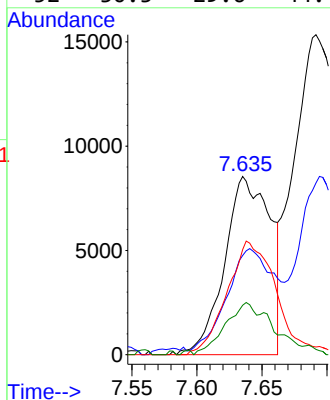
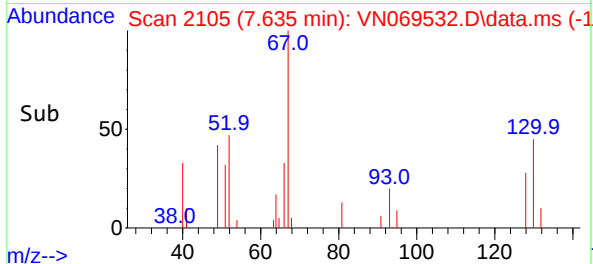
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 41 Resp: 2089
Ion Ratio Lower Upper
41 100
39 62.0 48.1 72.1
67 68.8 68.3 102.5
52 30.3 29.6 44.4

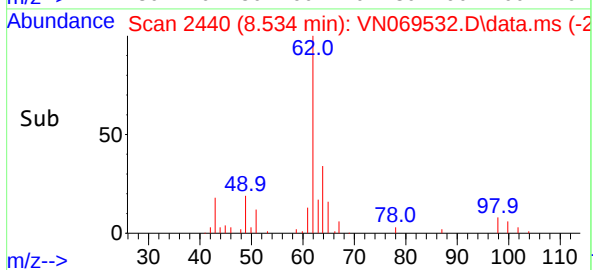
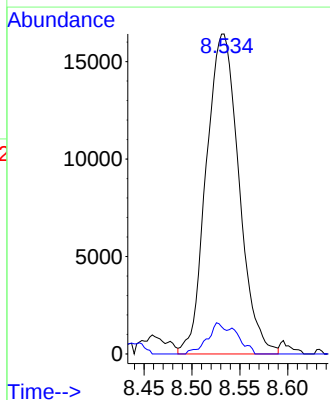
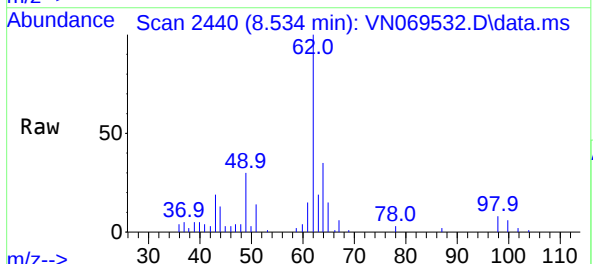
Manual Integrations
APPROVED

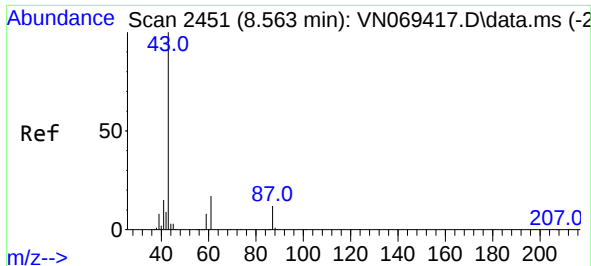
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 2.439 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 62 Resp: 39003
Ion Ratio Lower Upper
62 100
98 5.4 0.0 17.6





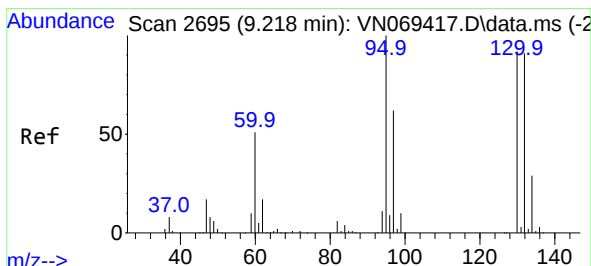
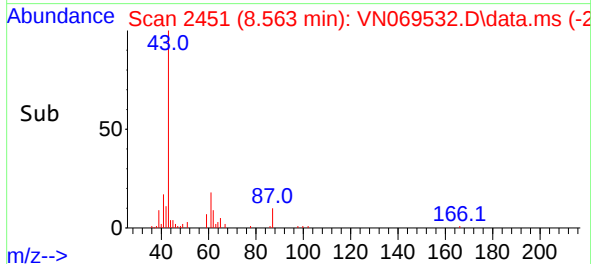
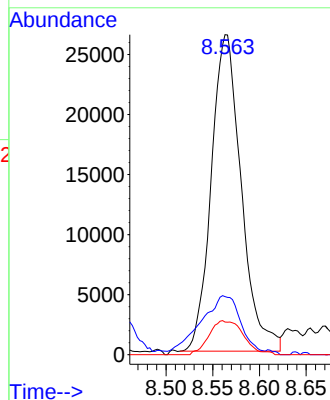
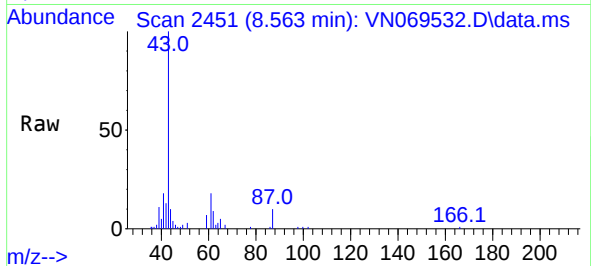
#43
Isopropyl Acetate
Concen: 2.054 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 43 Resp: 5898
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 12.3 11.2 16.8

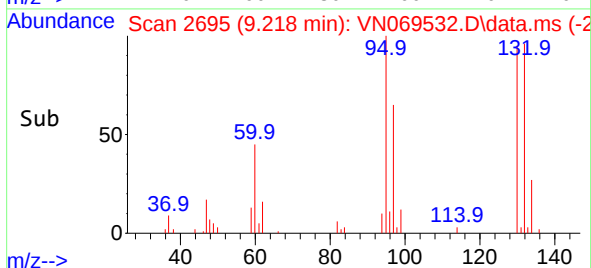
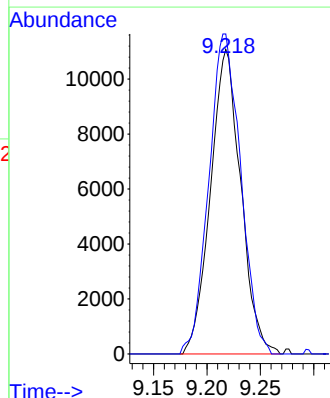
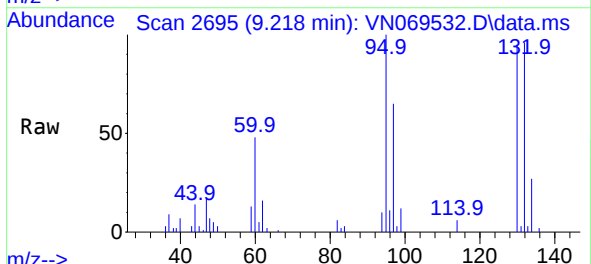
Manual Integrations
APPROVED

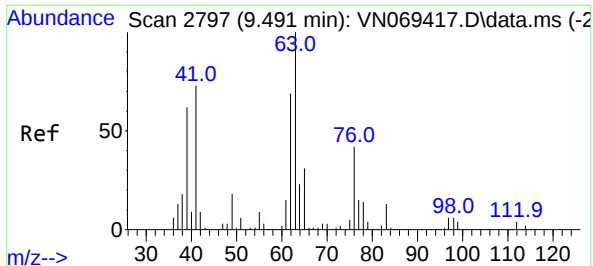
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 2.235 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:130 Resp: 21844
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 2.300 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 25094

Ion Ratio Lower Upper

63 100

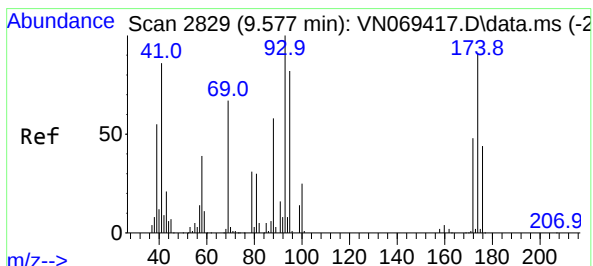
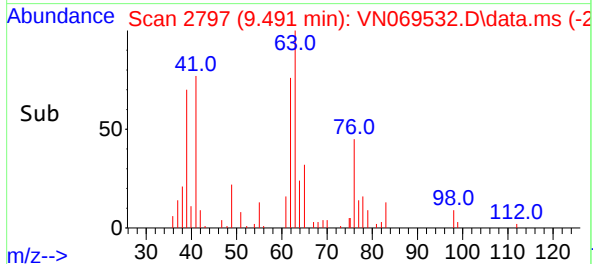
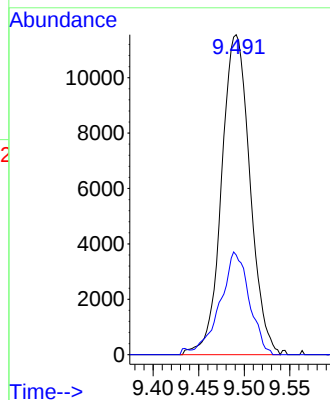
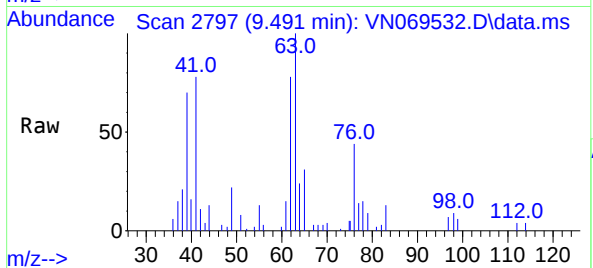
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 2.171 ug/l

RT: 9.582 min Scan# 2831

Delta R.T. 0.005 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

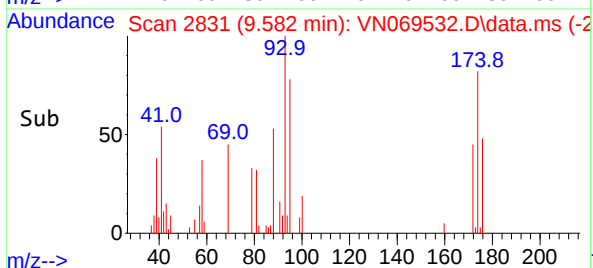
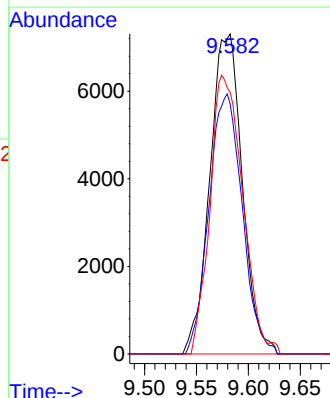
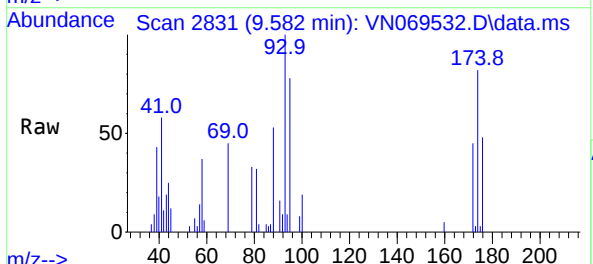
Tgt Ion: 93 Resp: 15865

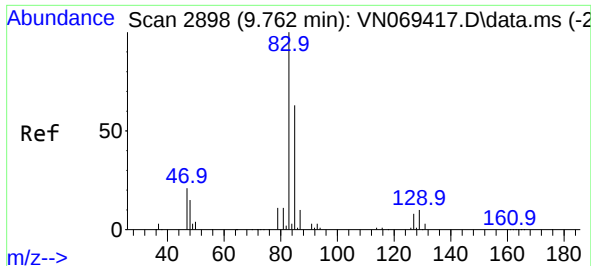
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 87.9 84.6 127.0





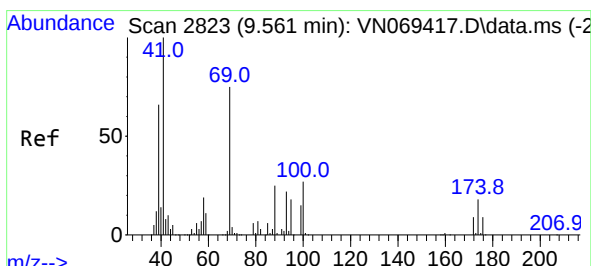
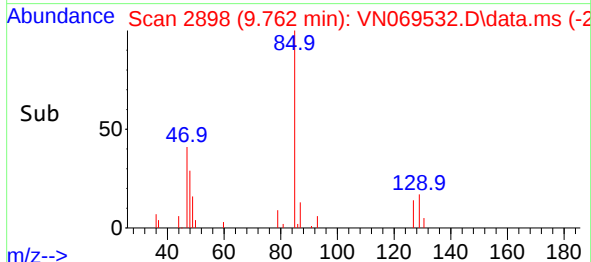
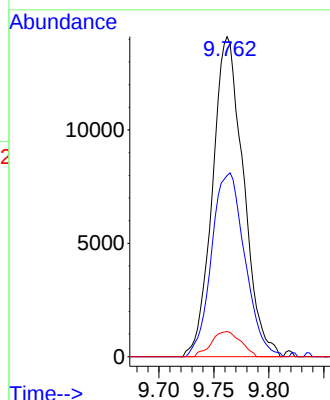
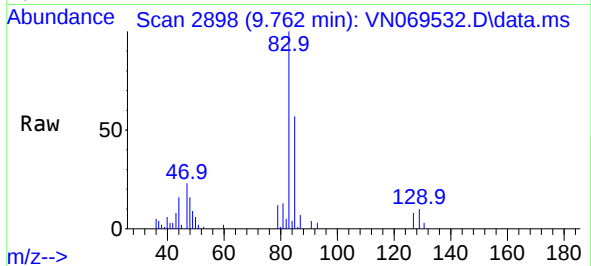
#47
Bromodichloromethane
Concen: 2.024 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 83 Resp: 27598
Ion Ratio Lower Upper
83 100
85 56.6 50.9 76.3
127 7.8 7.1 10.7

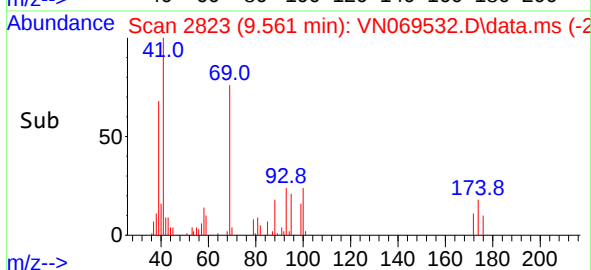
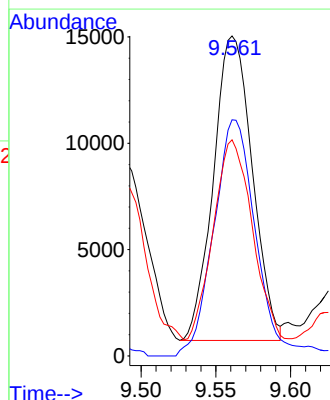
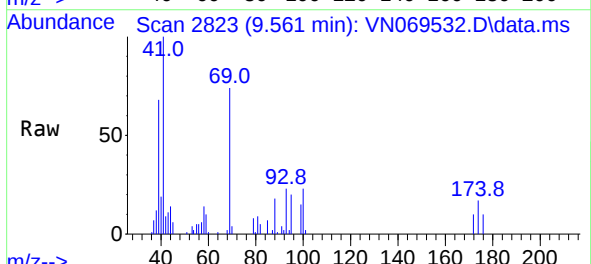
Manual Integrations
APPROVED

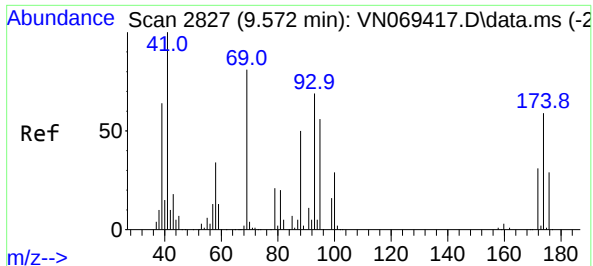
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 1.917 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 41 Resp: 25904
Ion Ratio Lower Upper
41 100
69 83.8 72.4 108.6
39 67.2 58.4 87.6





#49

1,4-Dioxane

Concen: 39.340 ug/l

RT: 9.572 min Scan# 2827

Delta R.T. -0.000 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 88 Resp: 948

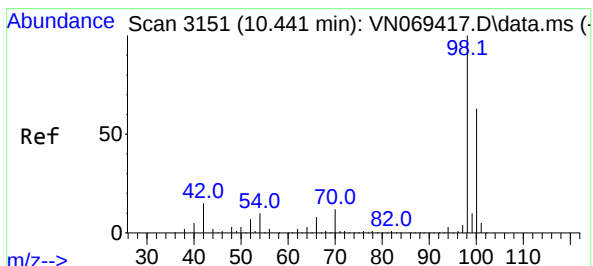
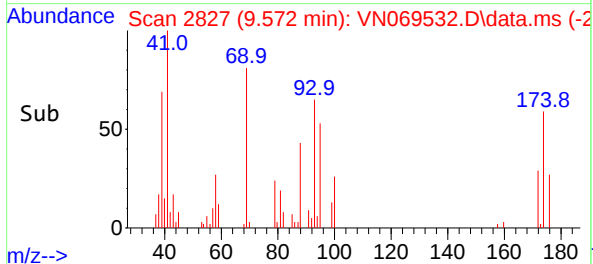
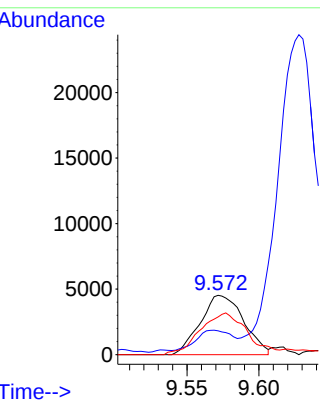
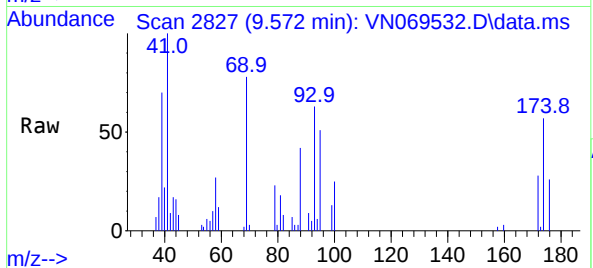
Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.4	35.2
58	76.2	50.6	75.8

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 52.377 ug/l

RT: 10.443 min Scan# 3152

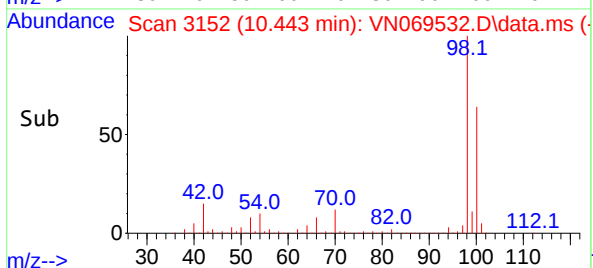
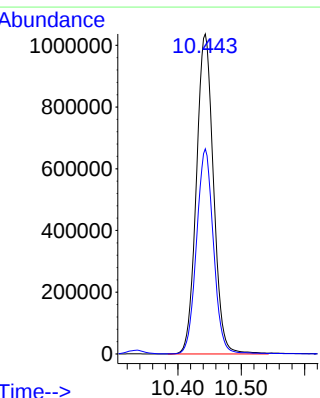
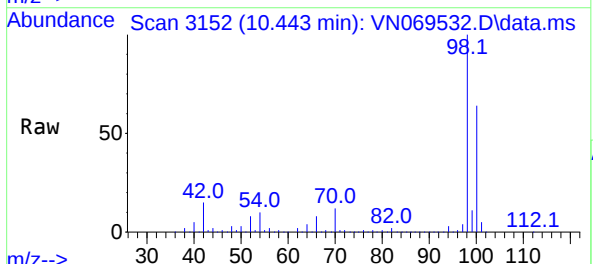
Delta R.T. 0.002 min

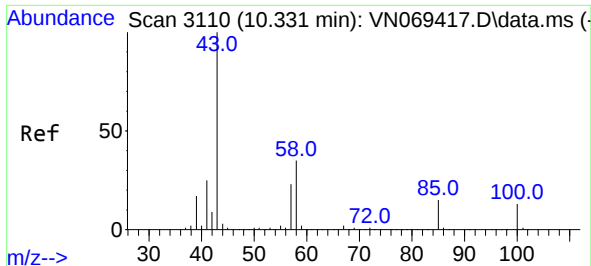
Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Tgt Ion: 98 Resp: 1942452

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.4	75.6





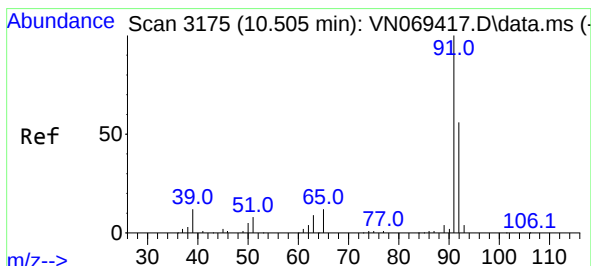
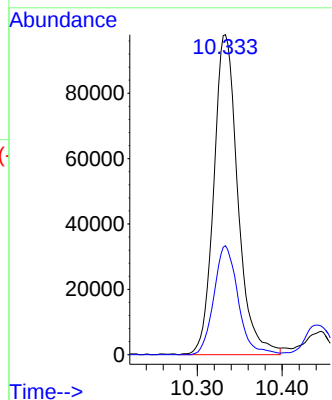
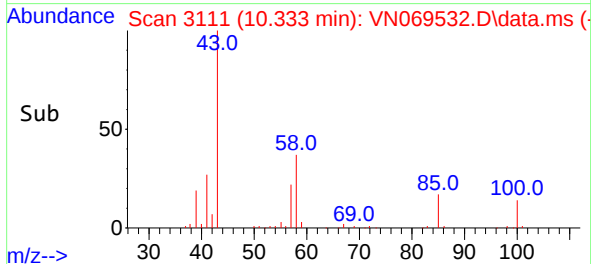
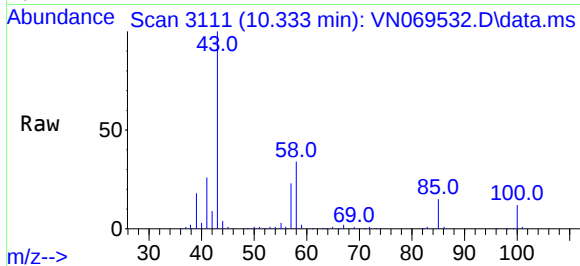
#51
4-Methyl-2-Pentanone
Concen: 10.389 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 43 Resp: 192610
Ion Ratio Lower Upper
43 100
58 34.3 30.4 45.6

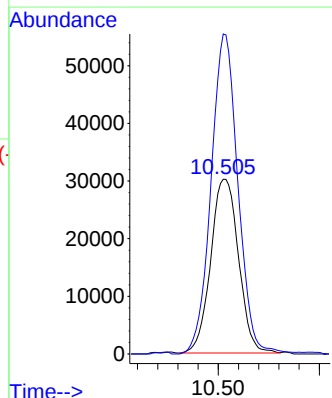
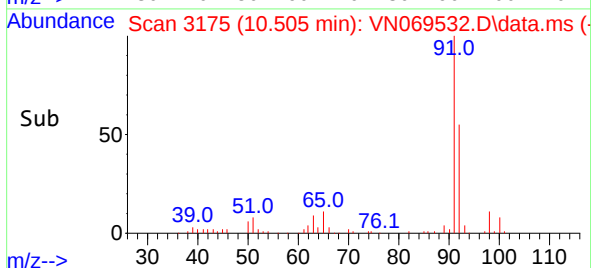
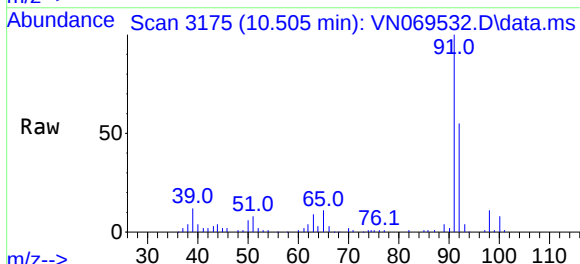
Manual Integrations
APPROVED

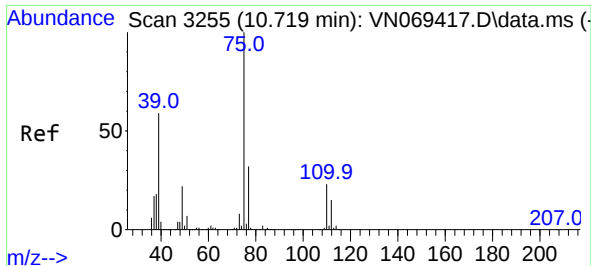
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 2.267 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

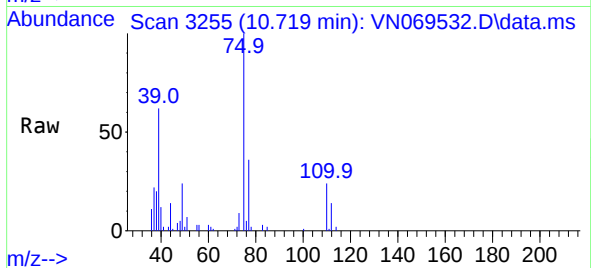
Tgt Ion: 92 Resp: 57682
Ion Ratio Lower Upper
92 100
91 177.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 1.664 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

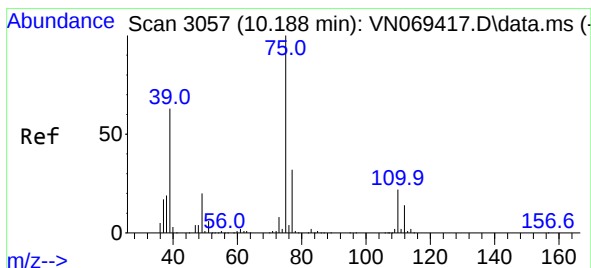
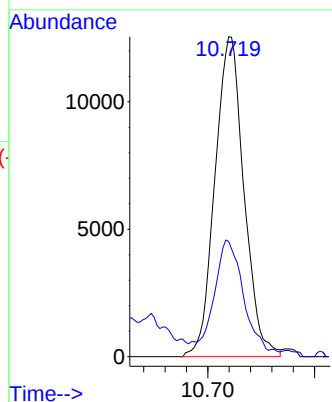
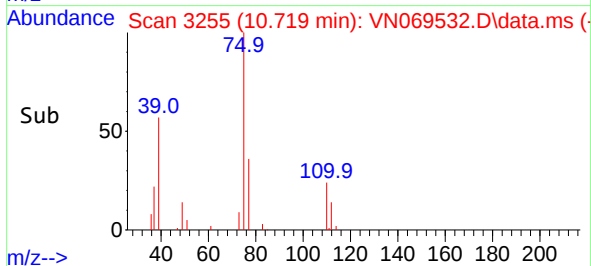
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



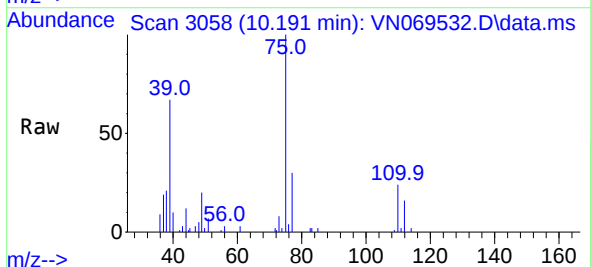
Tgt Ion: 75 Resp: 2371
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4

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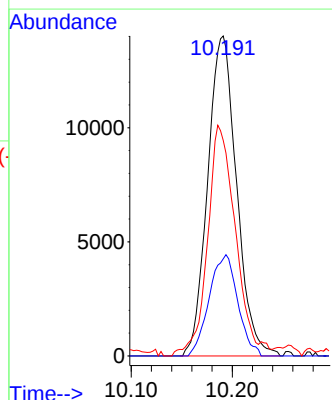
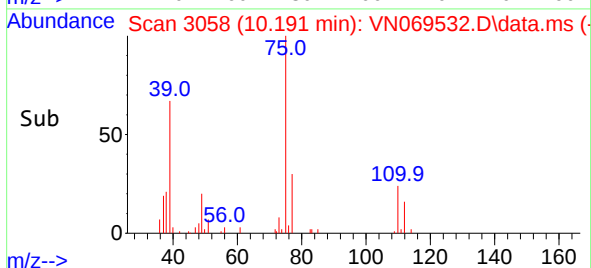
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

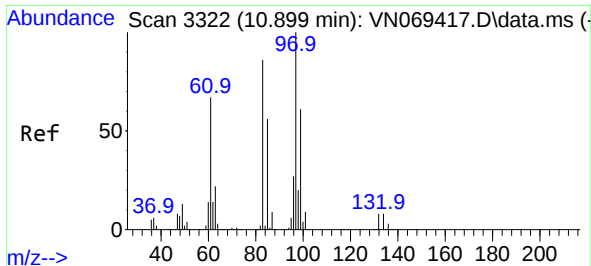


#54
cis-1,3-Dichloropropene
Concen: 1.795 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



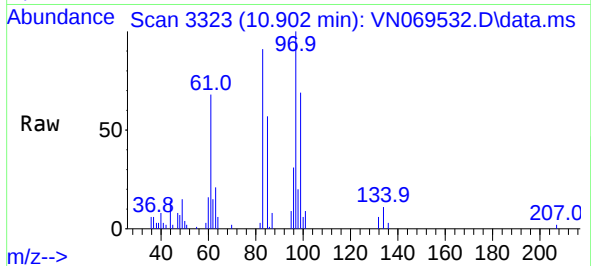
Tgt Ion: 75 Resp: 27911
Ion Ratio Lower Upper
75 100
77 30.4 26.4 39.6
39 65.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 2.208 ug/l
RT: 10.902 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

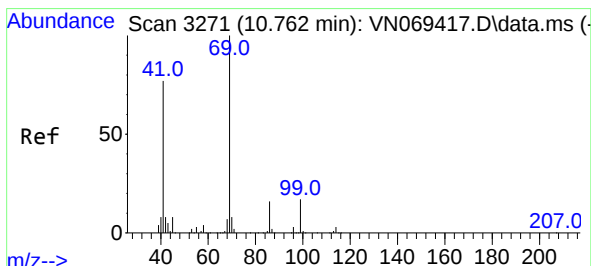
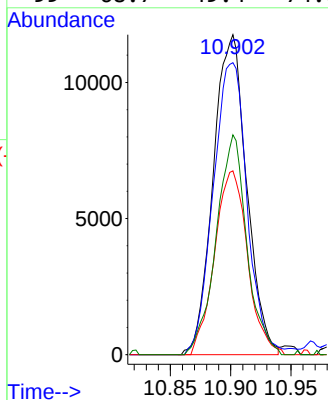
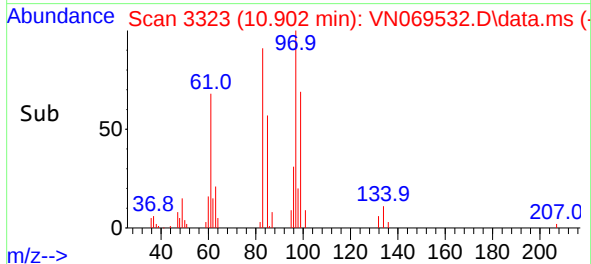


Tgt Ion: 97 Resp: 22639

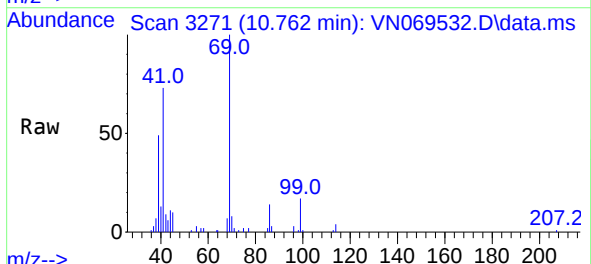
Ion	Ratio	Lower	Upper
97	100		
83	91.3	67.8	101.6
85	57.4	45.4	68.2
99	68.7	49.4	74.0

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

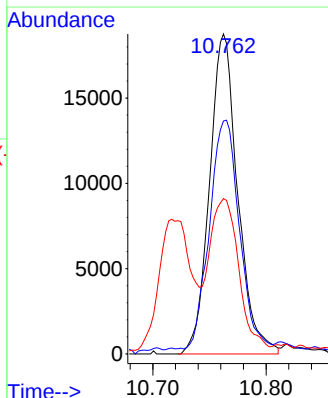
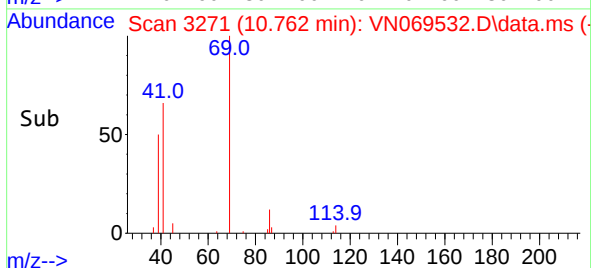


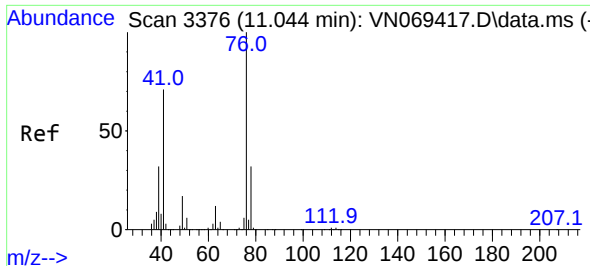
#56
Ethyl methacrylate
Concen: 1.909 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 69 Resp: 32417

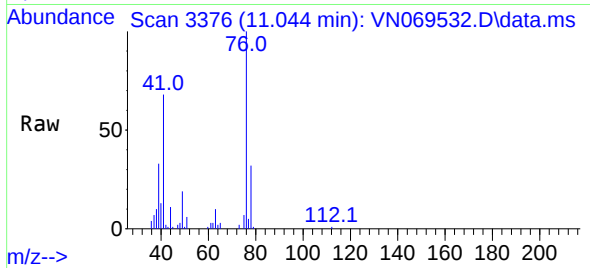
Ion	Ratio	Lower	Upper
69	100		
41	75.4	51.4	77.0
39	47.4	34.6	52.0





#57
1,3-Dichloropropane
Concen: 2.182 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

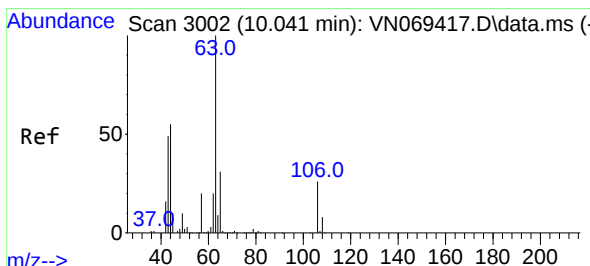
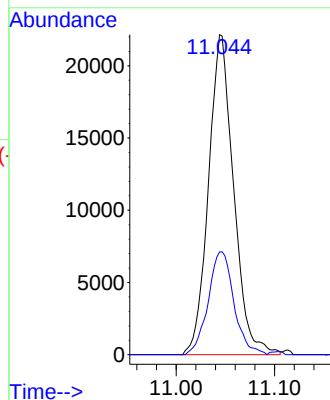
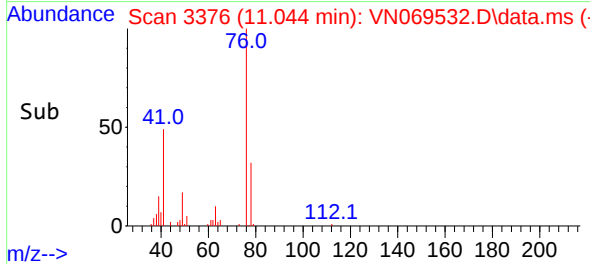
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



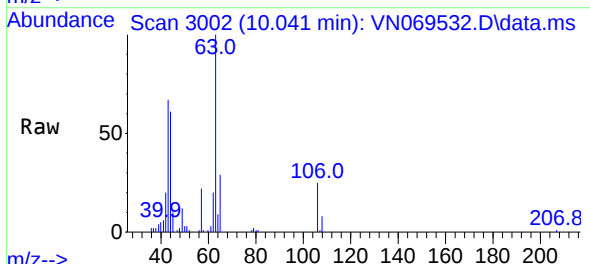
Tgt Ion: 76 Resp: 39320
Ion Ratio Lower Upper
76 100
78 33.0 25.7 38.5

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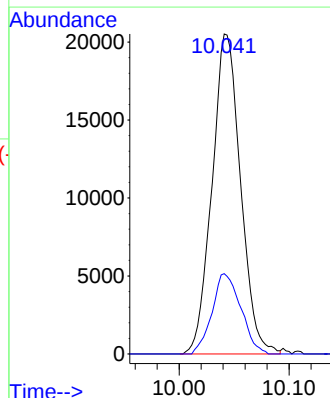
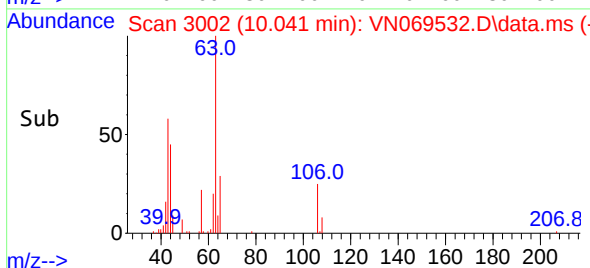
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

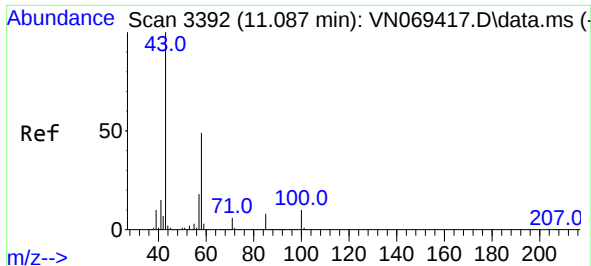


#58
2-Chloroethyl Vinyl ether
Concen: 9.404 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



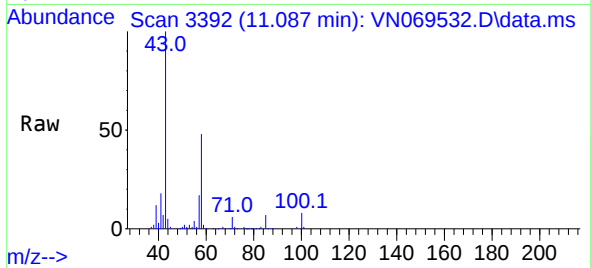
Tgt Ion: 63 Resp: 36997
Ion Ratio Lower Upper
63 100
106 25.3 23.9 35.9





#59
2-Hexanone
Concen: 9.374 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

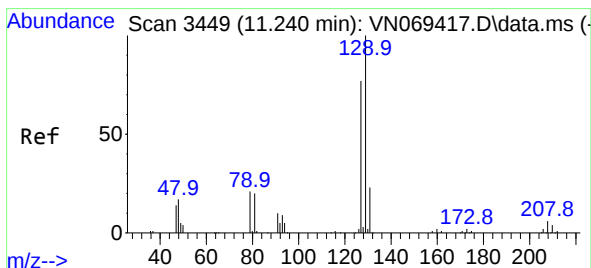
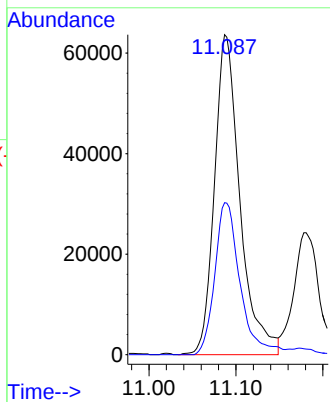
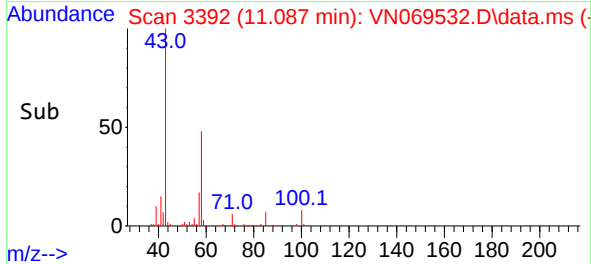
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 129529
Ion Ratio Lower Upper
43 100
58 47.1 26.9 80.7

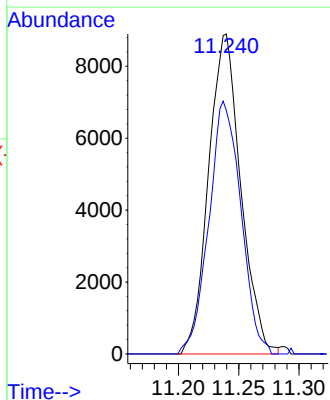
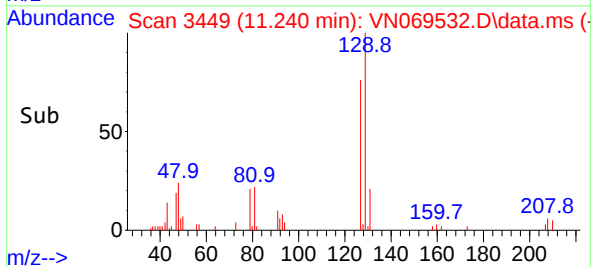
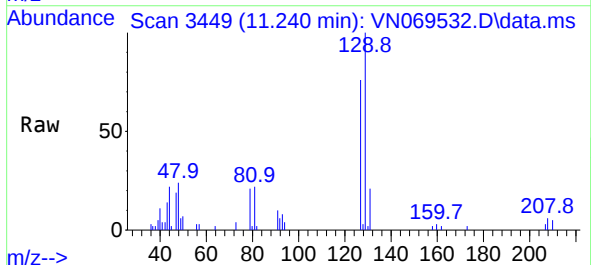
Manual Integrations
APPROVED

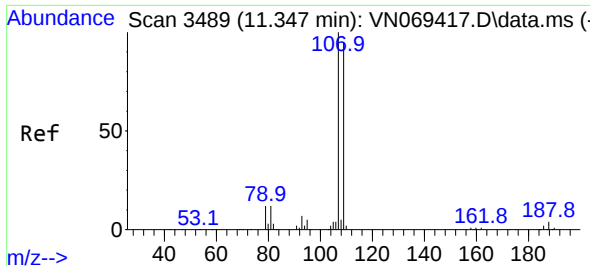
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 1.724 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

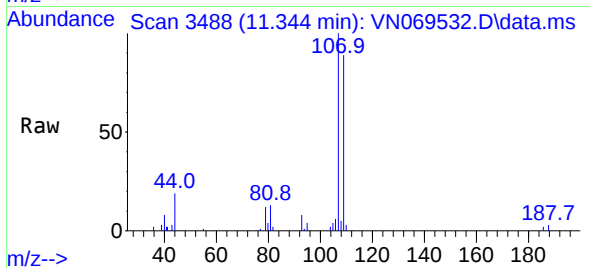
Tgt Ion:129 Resp: 16548
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 1.962 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

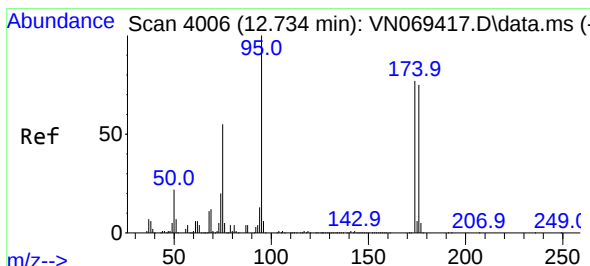
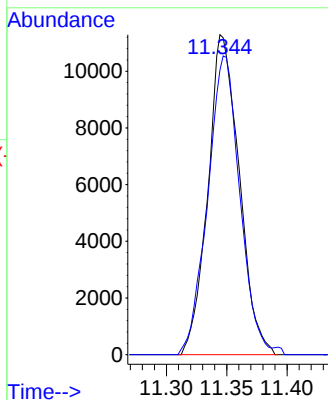
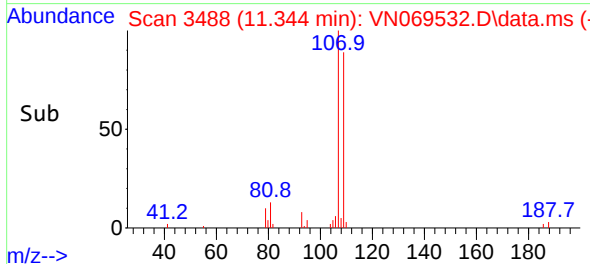
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



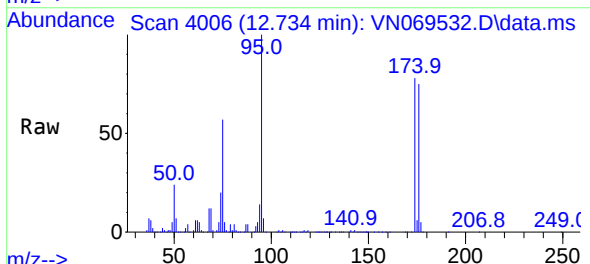
Tgt Ion:107 Resp: 2037
Ion Ratio Lower Upper
107 100
109 96.3 75.7 113.5

Manual Integrations APPROVED

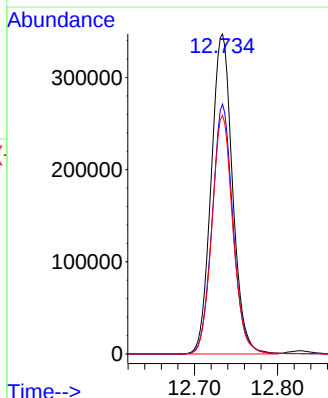
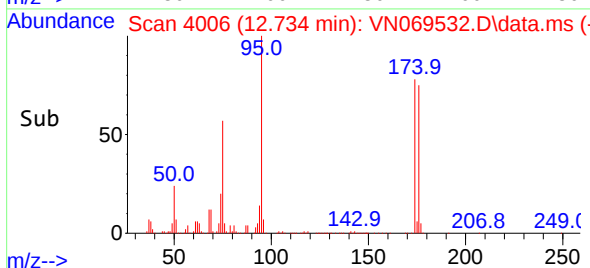
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

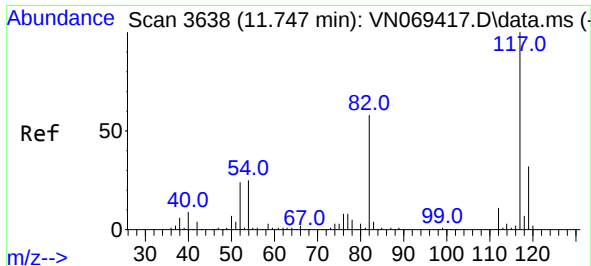


#62
4-Bromofluorobenzene
Concen: 45.439 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



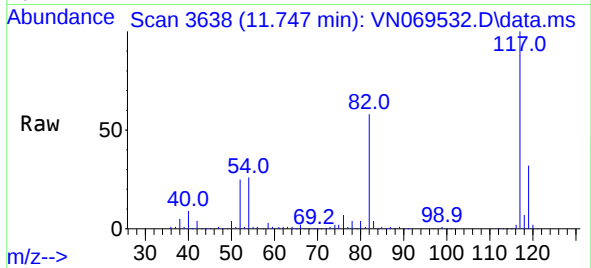
Tgt Ion: 95 Resp: 619057
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

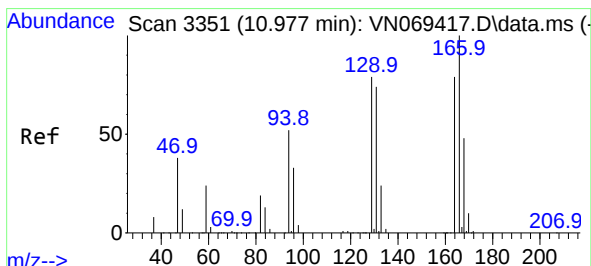
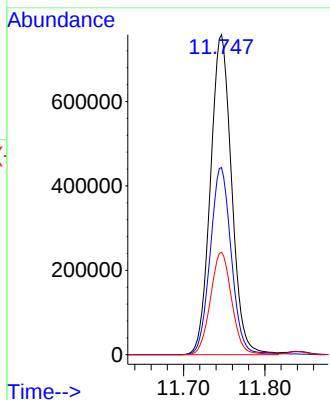
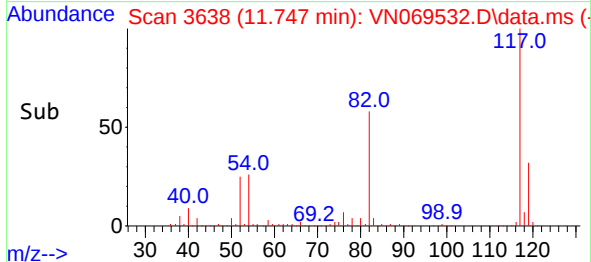
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



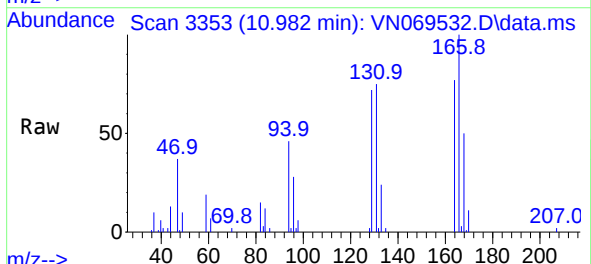
Tgt Ion:117 Resp: 1372862
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.0 25.4 38.2

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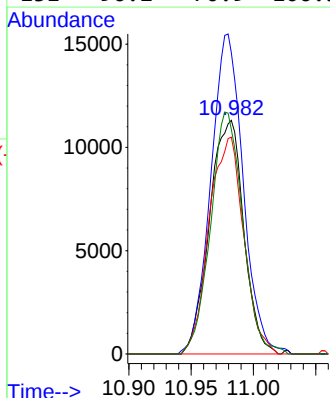
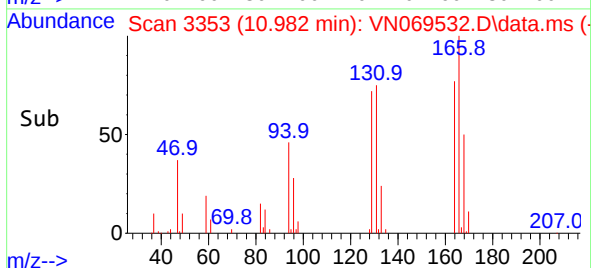
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 2.607 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.005 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



Tgt Ion:164 Resp: 21607
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 92.8 72.0 108.0
131 96.2 70.9 106.3





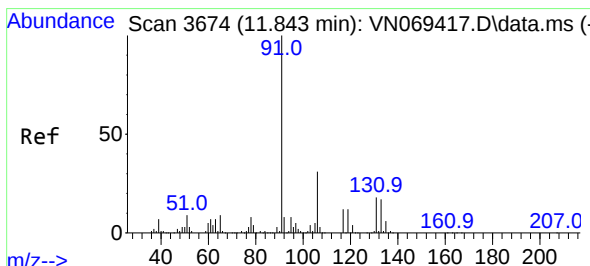
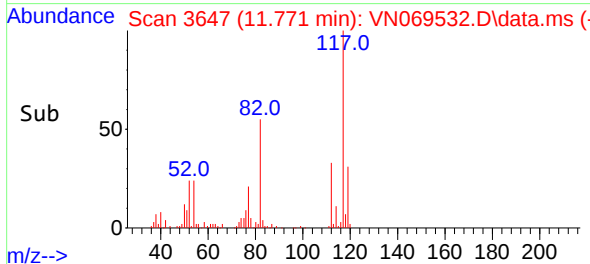
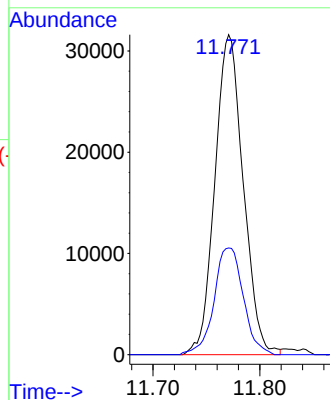
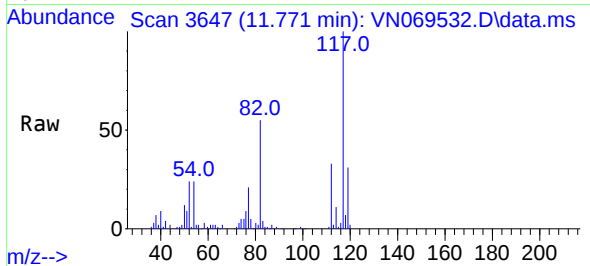
#65
Chlorobenzene
Concen: 2.280 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:112 Resp: 5825
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0

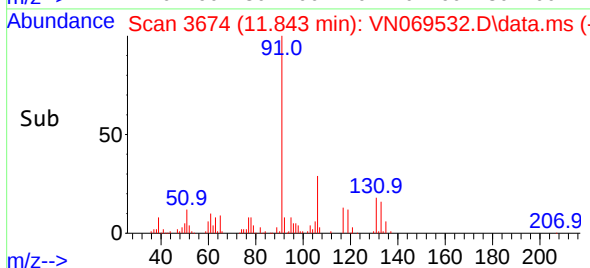
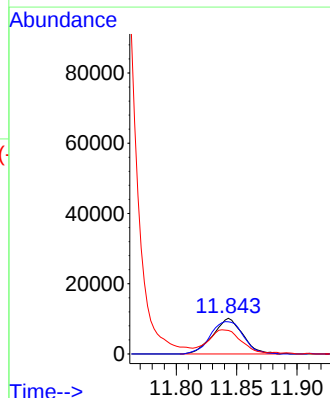
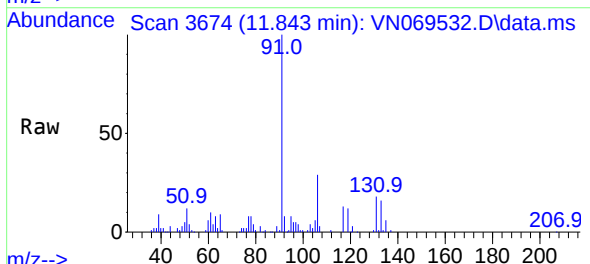
Manual Integrations
APPROVED

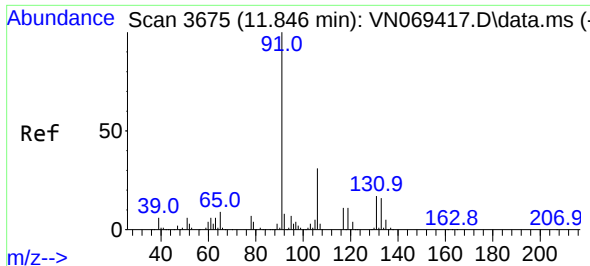
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 1.972 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:131 Resp: 17482
Ion Ratio Lower Upper
131 100
133 100.2 47.9 143.7
119 0.0 32.1 96.5#





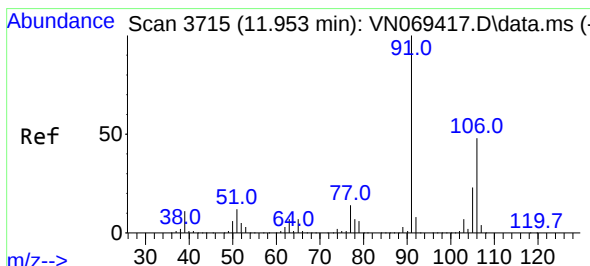
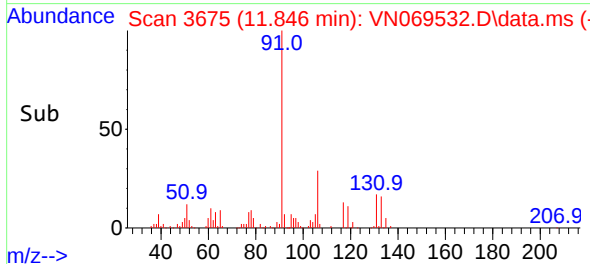
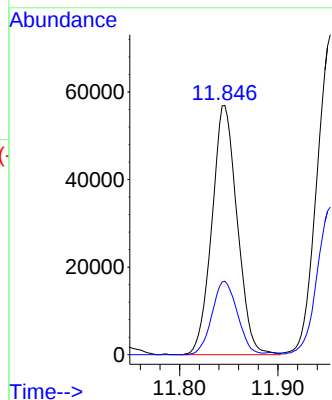
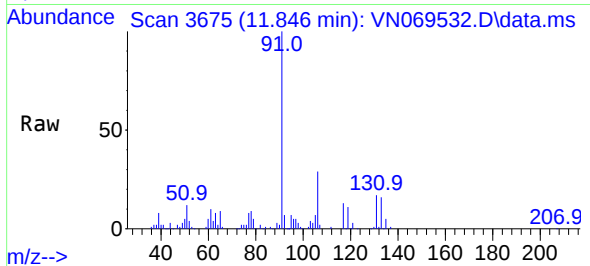
#67
Ethyl Benzene
Concen: 2.159 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 91 Resp: 10174
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

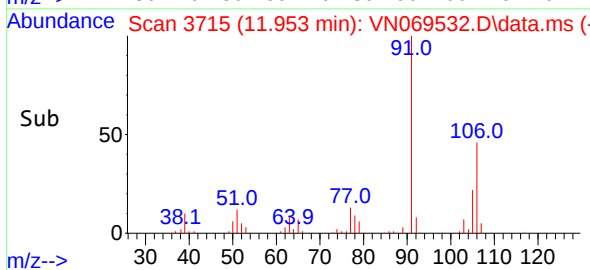
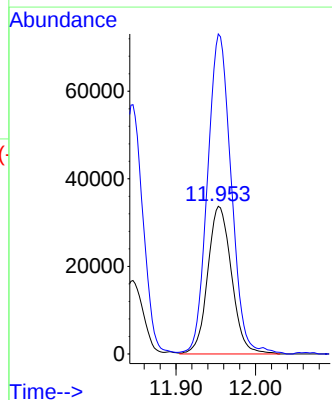
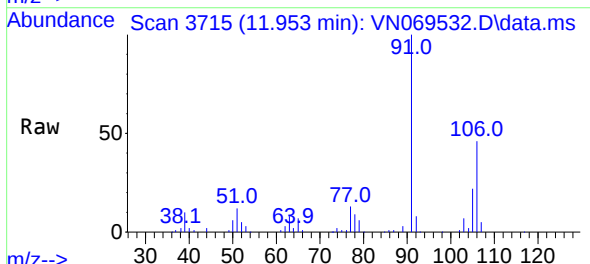
Manual Integrations
APPROVED

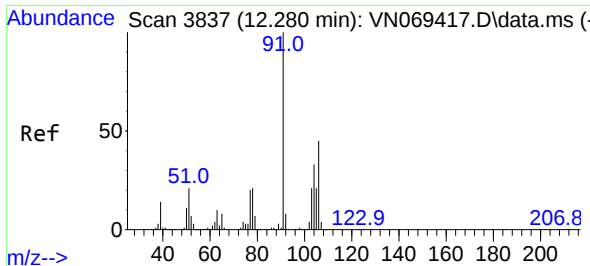
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 4.049 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:106 Resp: 70180
Ion Ratio Lower Upper
106 100
91 210.9 160.6 240.8





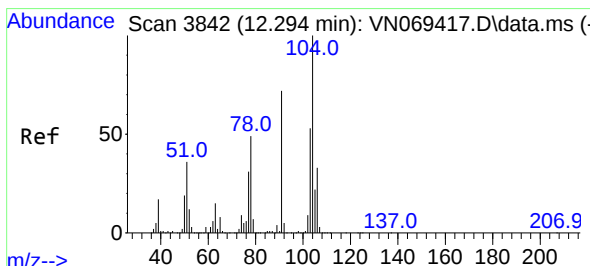
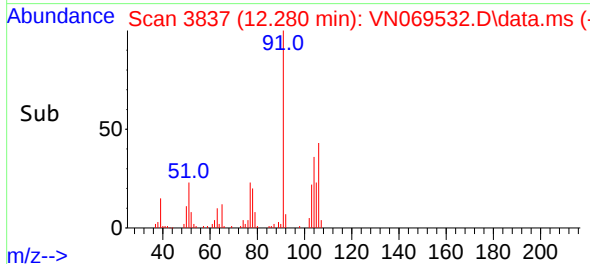
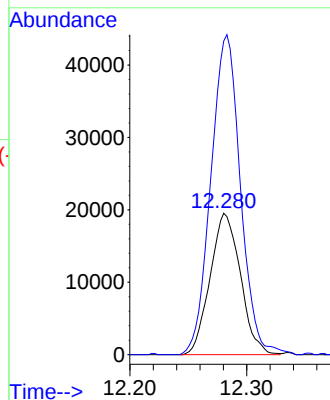
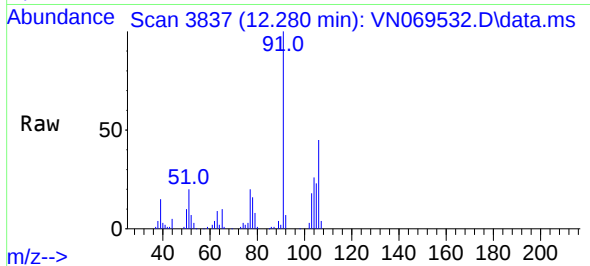
#69
o-Xylene
Concen: 2.040 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:106 Resp: 35249
Ion Ratio Lower Upper
106 100
91 220.6 105.8 317.3

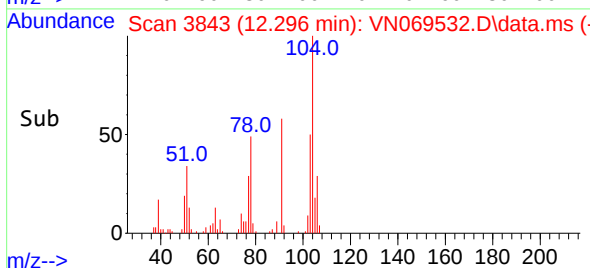
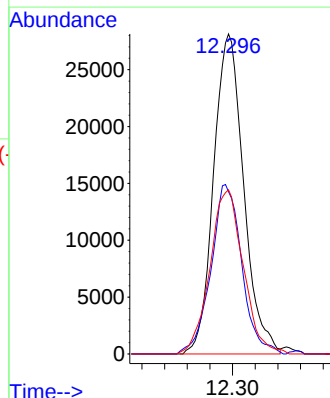
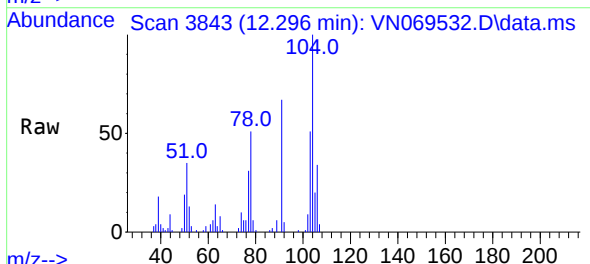
Manual Integrations
APPROVED

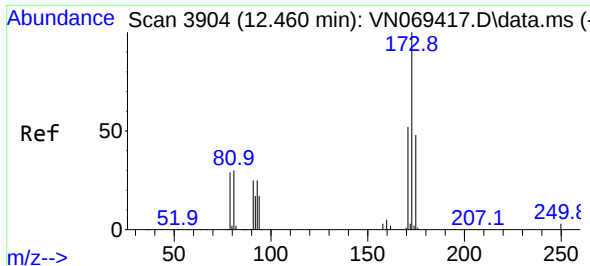
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 1.865 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:104 Resp: 51778
Ion Ratio Lower Upper
104 100
78 54.2 38.7 58.1
103 56.8 45.0 67.6





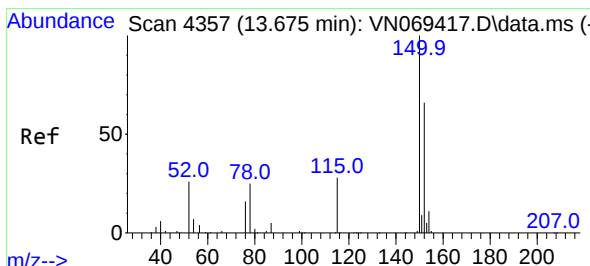
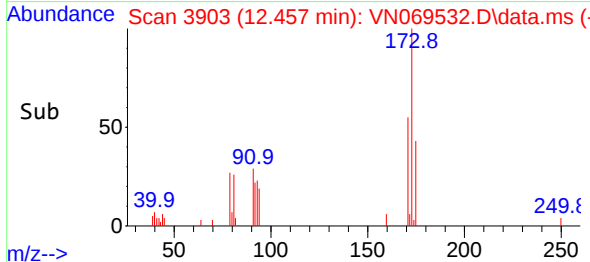
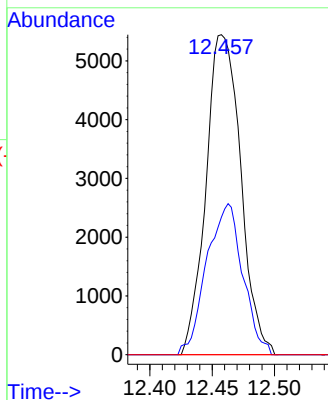
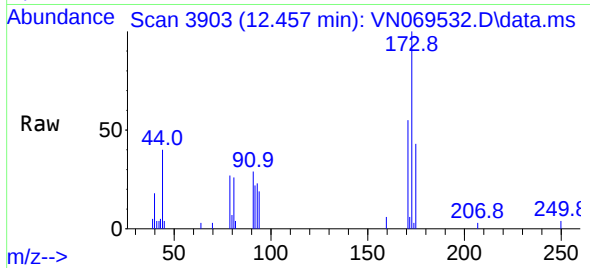
#71
Bromoform
Concen: 1.672 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:173 Resp: 1057
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

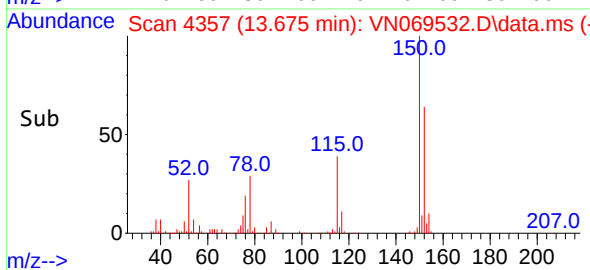
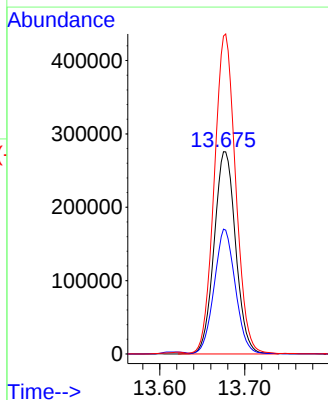
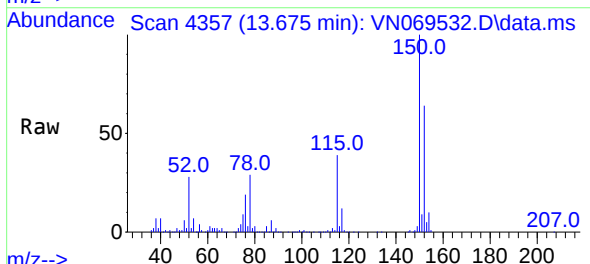
Manual Integrations
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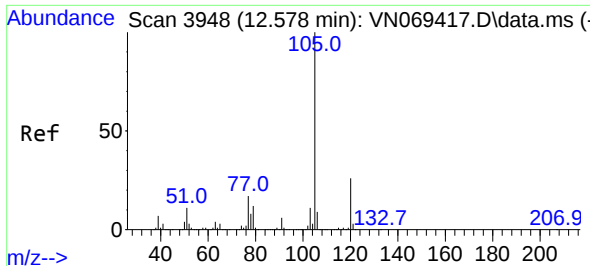
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:152 Resp: 485158
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 156.6 0.0 344.4





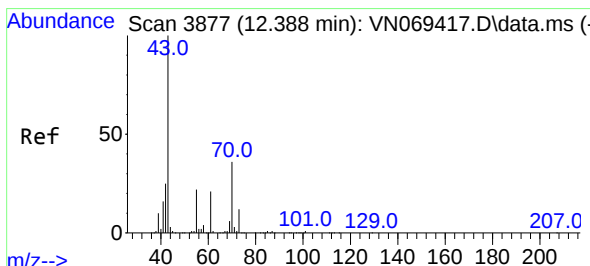
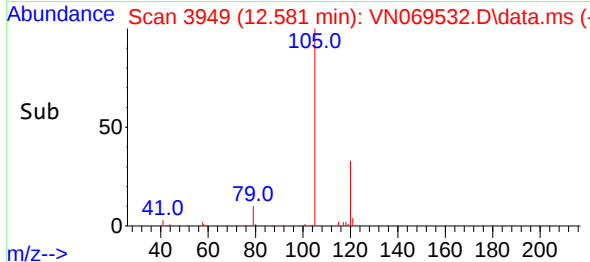
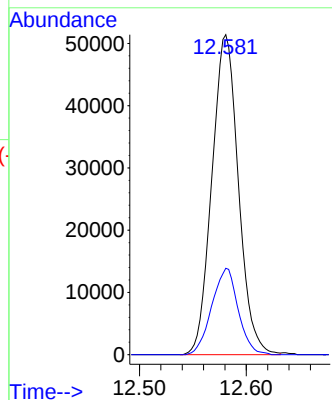
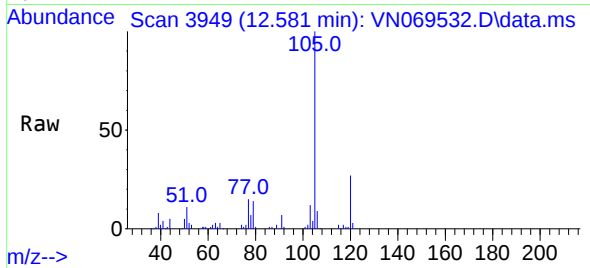
#73
Isopropylbenzene
Concen: 2.297 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:105 Resp: 88720
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

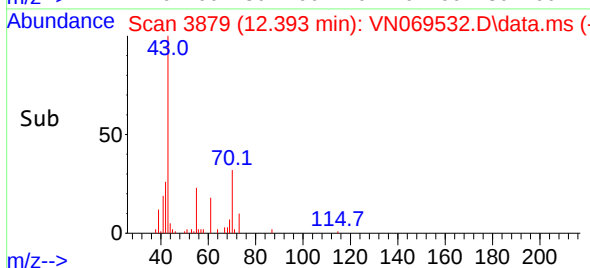
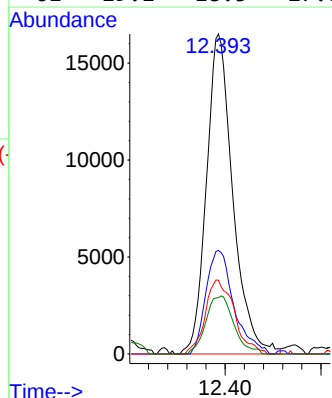
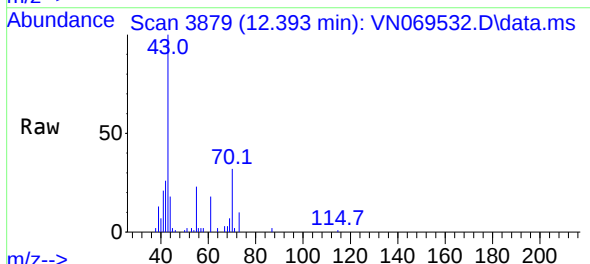
Manual Integrations
APPROVED

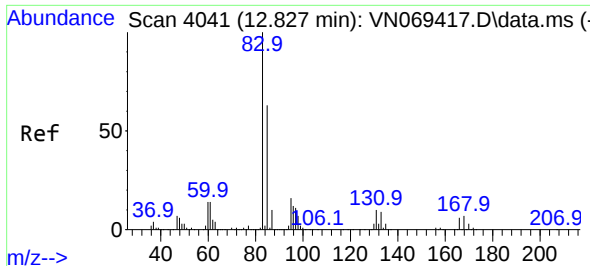
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 1.931 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

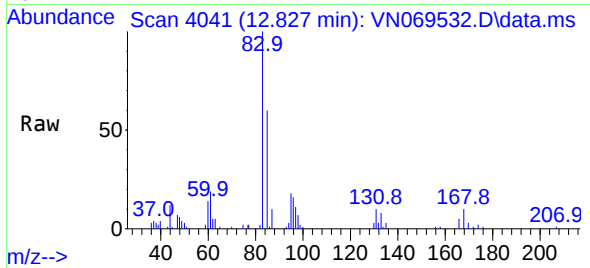
Tgt Ion: 43 Resp: 31605
Ion Ratio Lower Upper
43 100
70 34.2 33.4 50.0
55 25.5 19.3 28.9
61 19.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 2.568 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

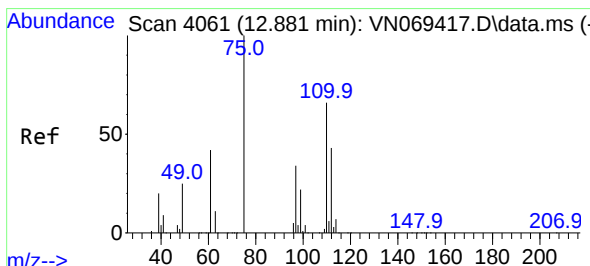
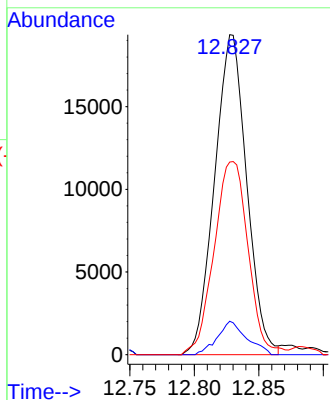
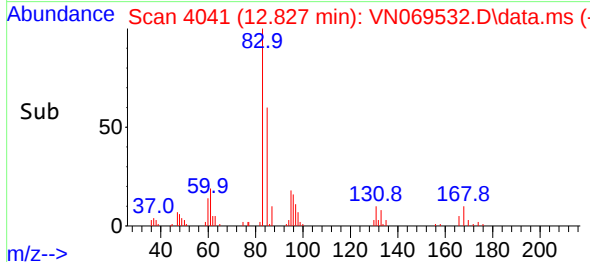
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



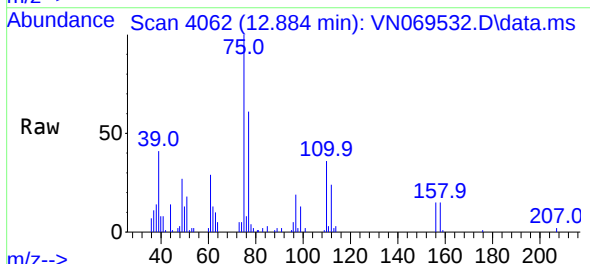
Tgt Ion: 83 Resp: 3345
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

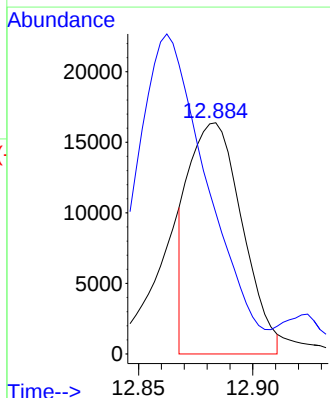
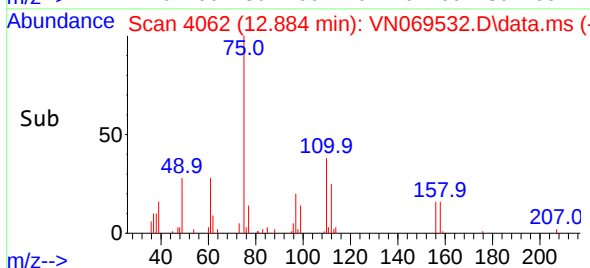
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

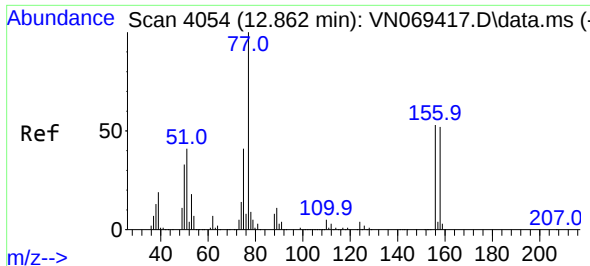


#76
1,2,3-Trichloropropane
Concen: 2.377 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



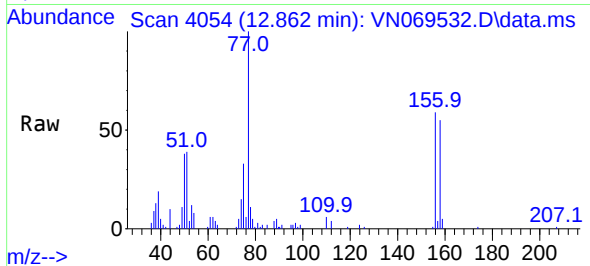
Tgt Ion: 75 Resp: 26612
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 2.526 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

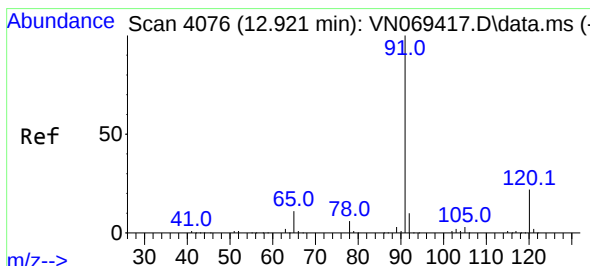
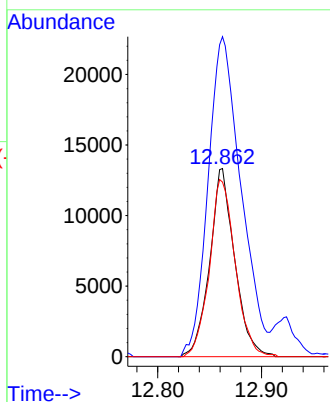
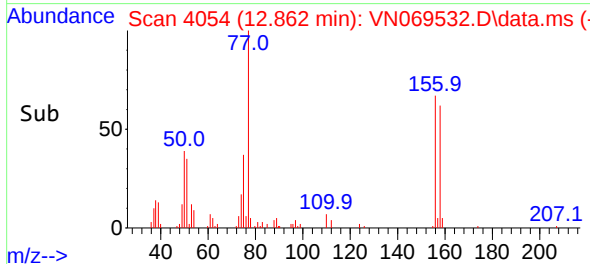
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



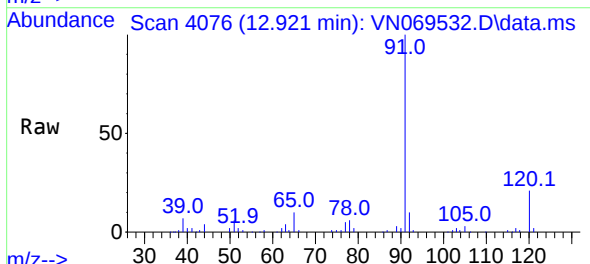
Tgt Ion: 156 Resp: 22318
Ion Ratio Lower Upper
156 100
77 224.3 90.6 271.8
158 97.4 48.9 146.7

Manual Integrations
APPROVED

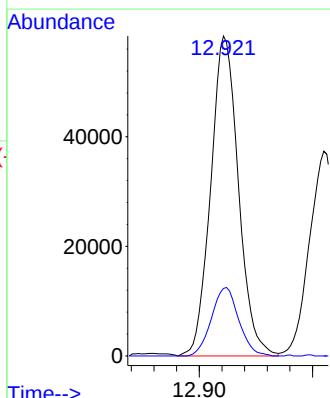
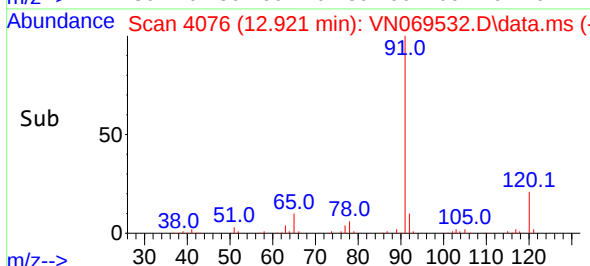
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

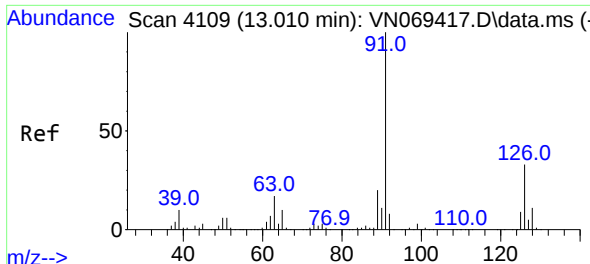


#78
n-propylbenzene
Concen: 2.282 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



Tgt Ion: 91 Resp: 99176
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.9





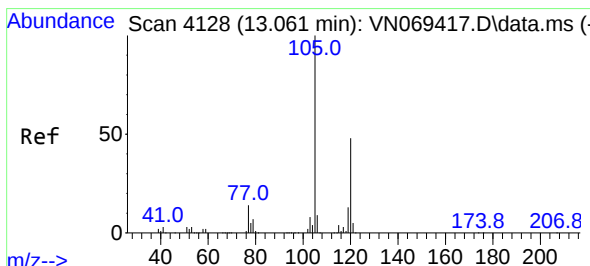
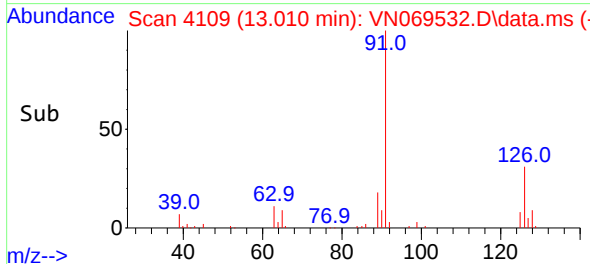
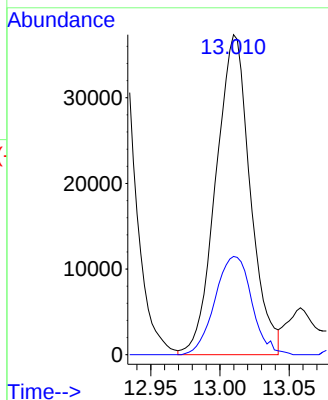
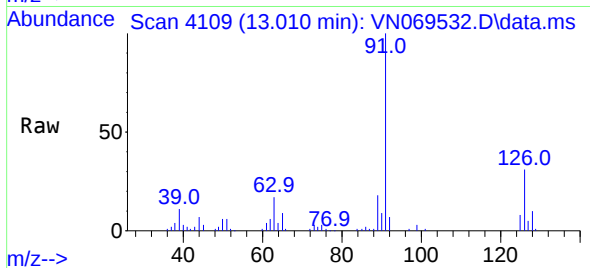
#79
2-Chlorotoluene
Concen: 2.394 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 91 Resp: 64428
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

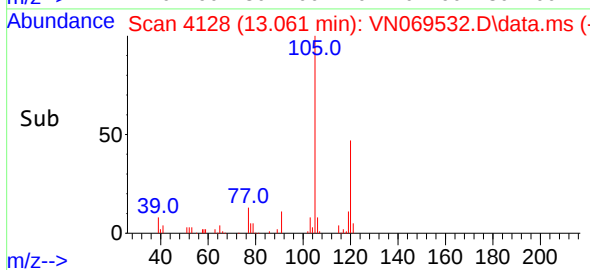
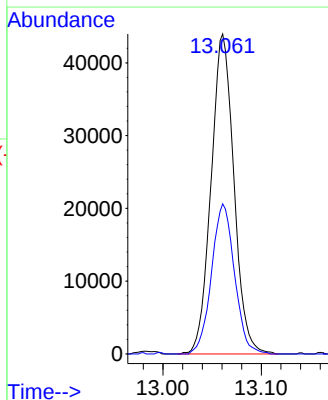
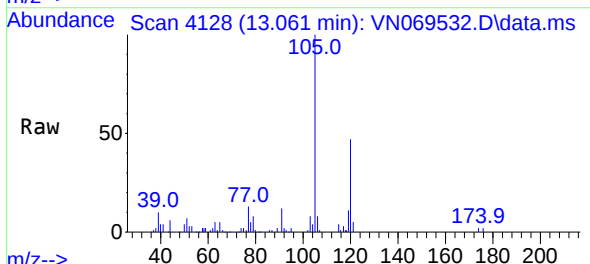
Manual Integrations
APPROVED

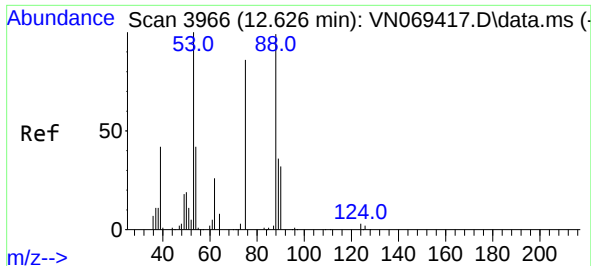
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 2.277 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:105 Resp: 71097
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





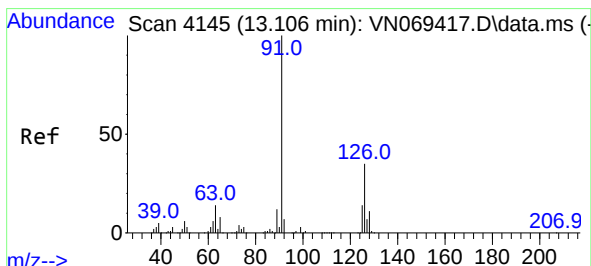
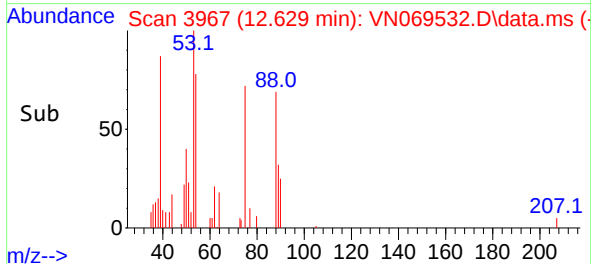
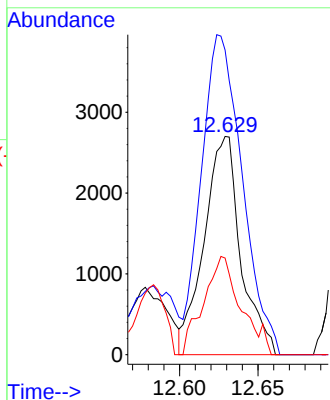
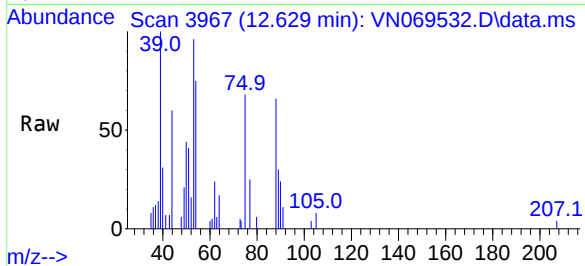
#81
trans-1,4-Dichloro-2-butene
Concen: 1.317 ug/l m
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 75 Resp: 439
Ion Ratio Lower Upper
75 100
53 4.9 90.5 135.7
89 0.0 38.2 57.4

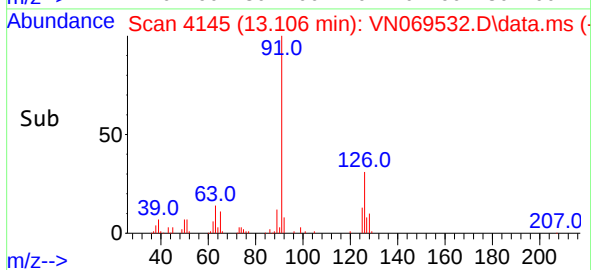
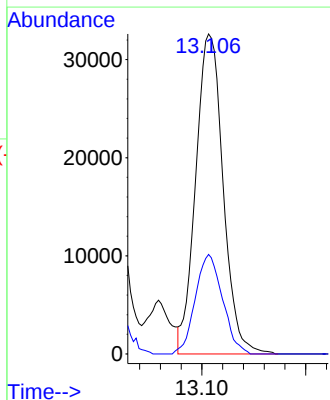
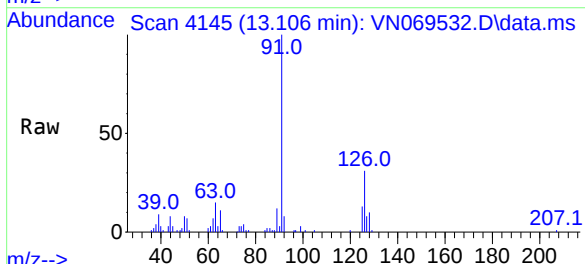
Manual Integrations
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Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 2.329 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion: 91 Resp: 59746
Ion Ratio Lower Upper
91 100
126 30.9 18.2 54.6





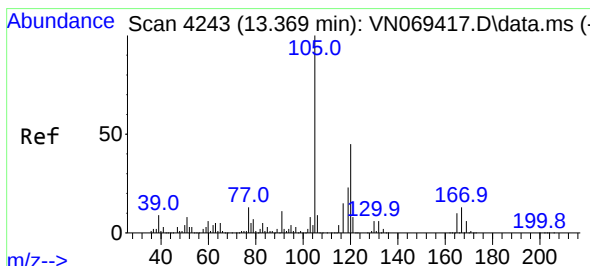
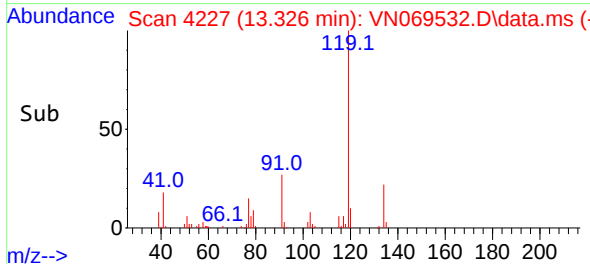
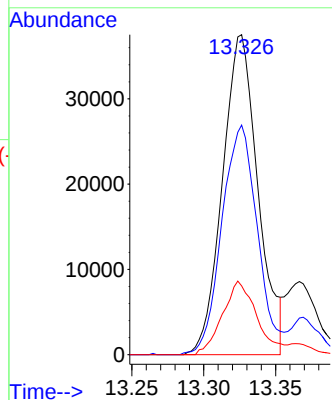
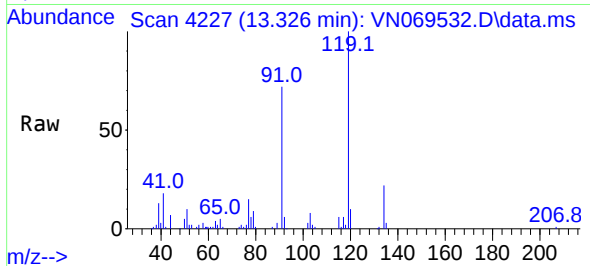
#83
tert-Butylbenzene
Concen: 2.352 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.002 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:119 Resp: 6437
Ion Ratio Lower Upper
119 100
91 72.0 31.5 94.5
134 22.3 12.4 37.4

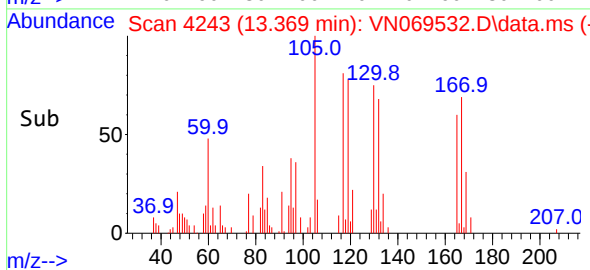
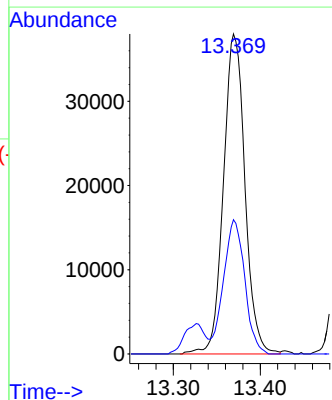
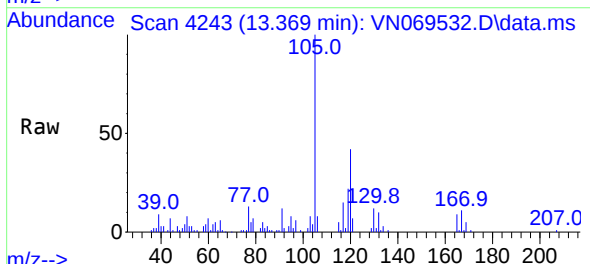
Manual Integrations
APPROVED

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



#84
1,2,4-Trimethylbenzene
Concen: 2.164 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:105 Resp: 65249
Ion Ratio Lower Upper
105 100
120 41.4 22.8 68.4





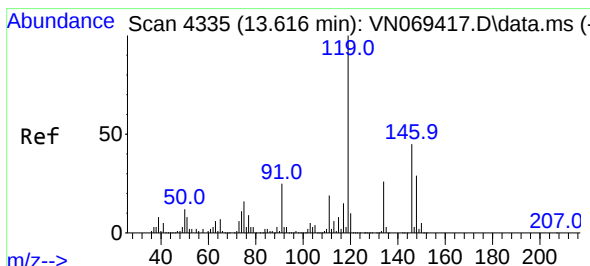
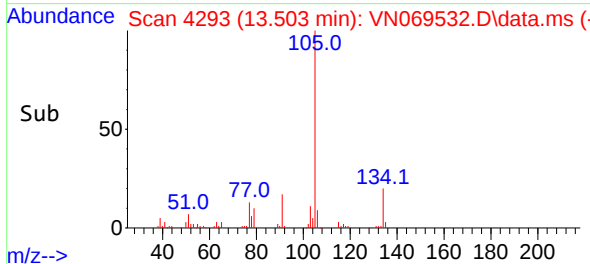
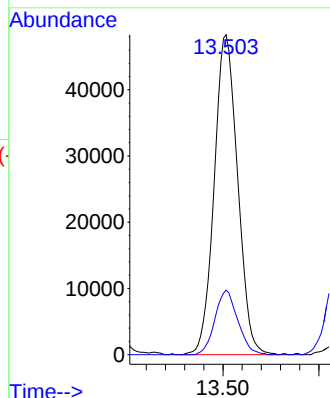
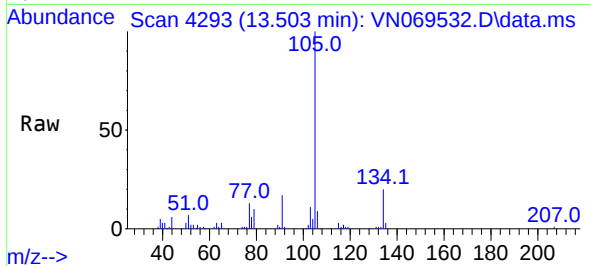
#85
 sec-Butylbenzene
 Concen: 2.142 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069532.D
 Acq: 17 Nov 2021 16:09

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

Tgt Ion:105 Resp: 8188
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

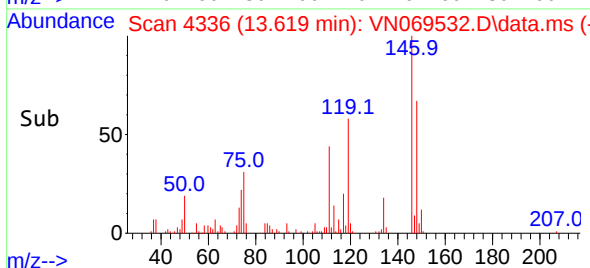
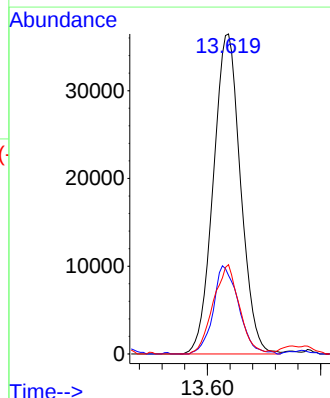
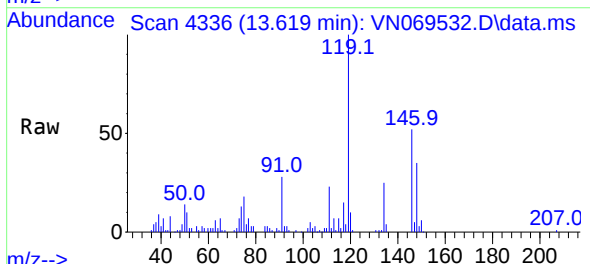
Manual Integrations
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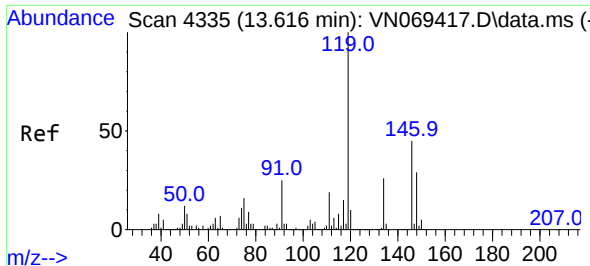
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 2.005 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069532.D
 Acq: 17 Nov 2021 16:09

Tgt Ion:119 Resp: 60842
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 26.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 2.225 ug/l

RT: 13.621 min Scan# 4337

Delta R.T. 0.005 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

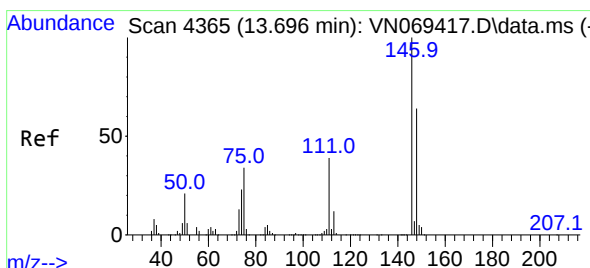
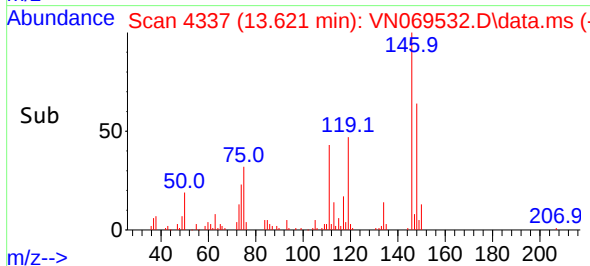
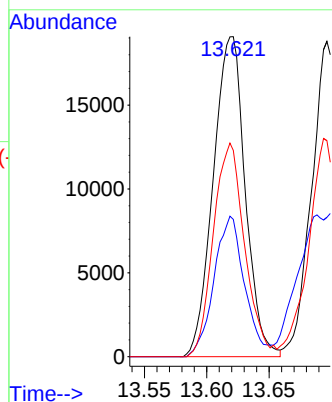
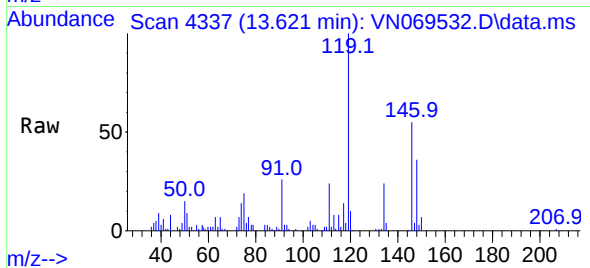
Tgt Ion:	146	Resp:	3408
Ion Ratio	Lower	Upper	
146	100		
111	41.9	18.6	55.6
148	65.4	31.6	95.0

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 2.218 ug/l

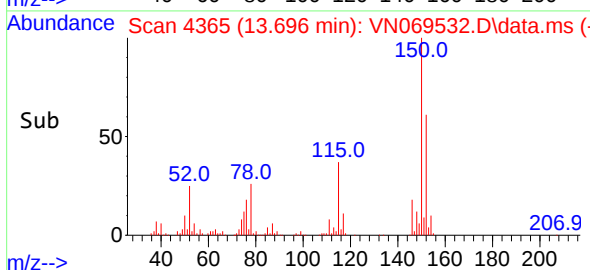
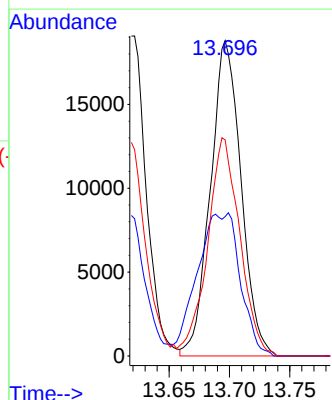
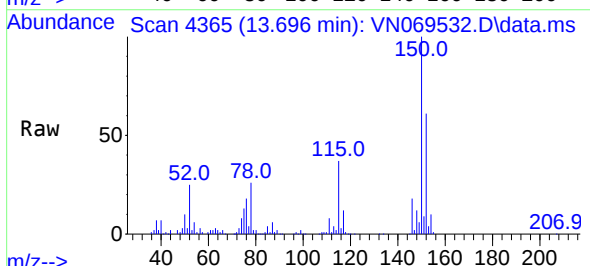
RT: 13.696 min Scan# 4365

Delta R.T. 0.000 min

Lab File: VN069532.D

Acq: 17 Nov 2021 16:09

Tgt Ion:	146	Resp:	33329
Ion Ratio	Lower	Upper	
146	100		
111	32.9	18.3	54.8
148	72.8	31.8	95.4





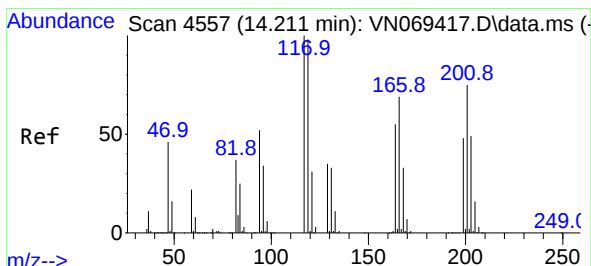
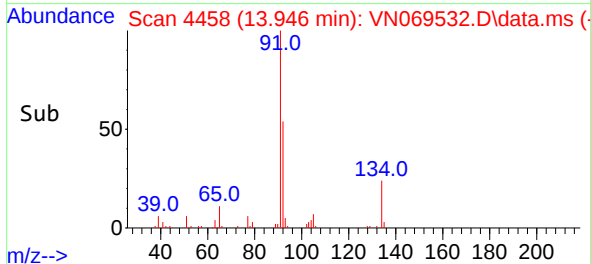
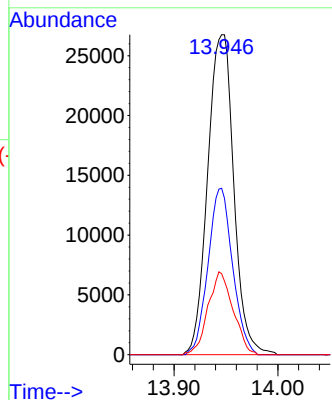
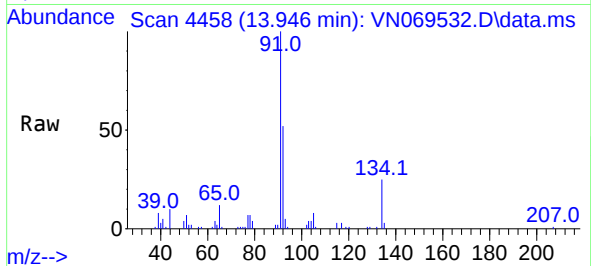
#89
n-Butylbenzene
Concen: 1.852 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion: 91 Resp: 4686
Ion Ratio Lower Upper
91 100
92 48.9 25.4 76.0
134 24.8 13.6 40.8

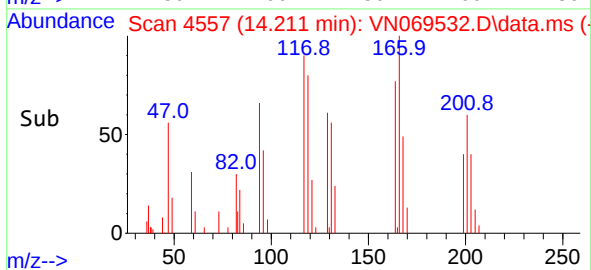
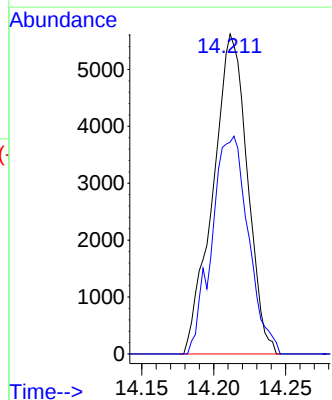
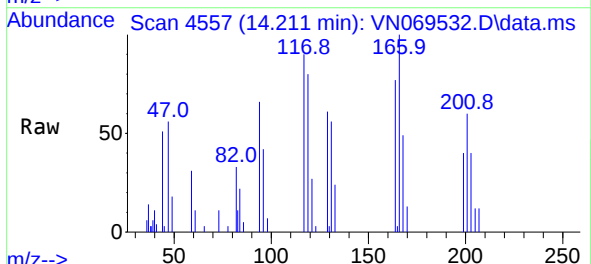
Manual Integrations
APPROVED

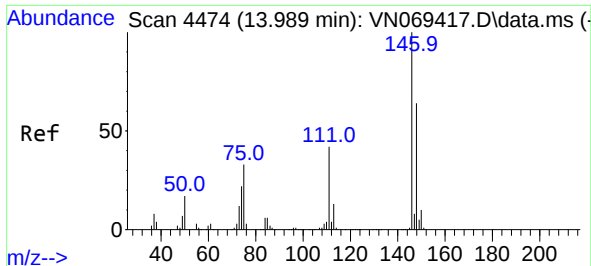
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 1.881 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:117 Resp: 9362
Ion Ratio Lower Upper
117 100
201 72.2 43.9 131.6





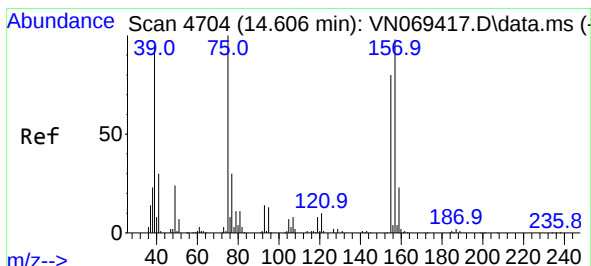
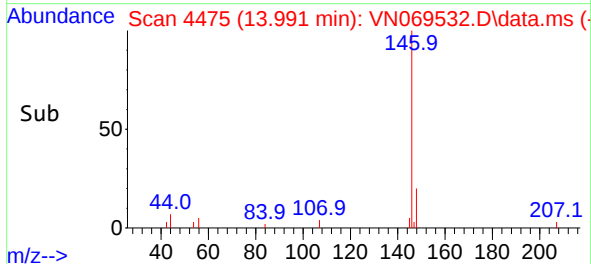
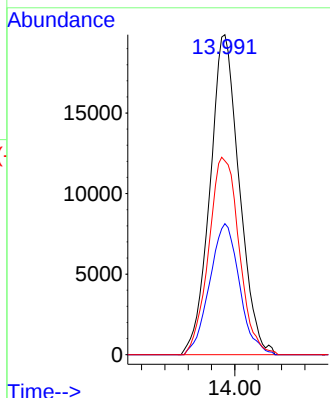
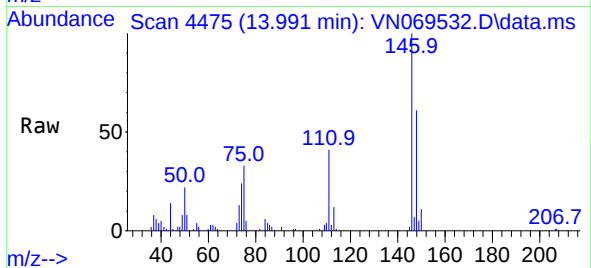
#91
1,2-Dichlorobenzene
Concen: 2.372 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:146 Resp: 3457
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.3
148 64.2 32.1 96.3

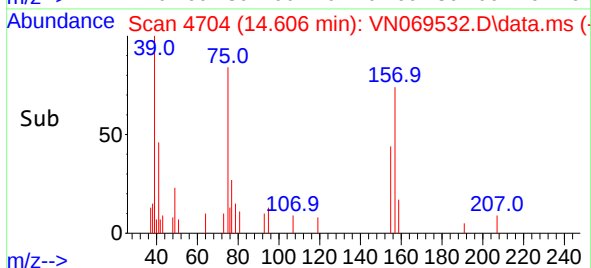
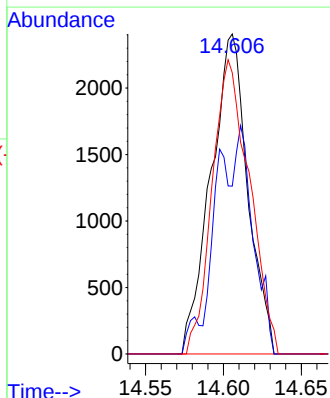
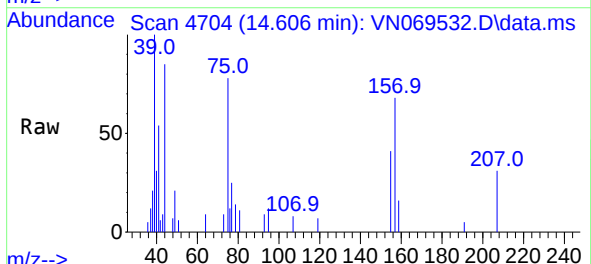
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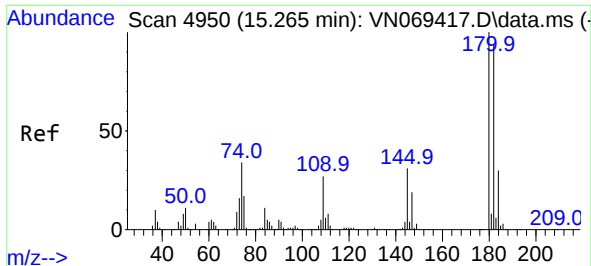
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.886 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

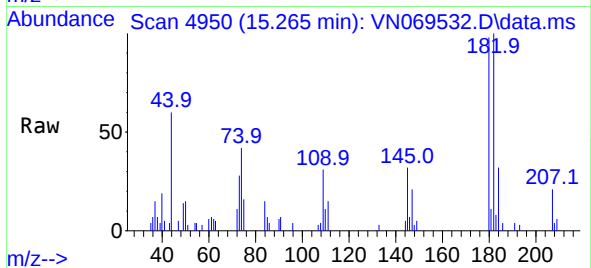
Tgt Ion: 75 Resp: 3971
Ion Ratio Lower Upper
75 100
155 37.1 46.9 140.7#
157 92.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 1.502 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

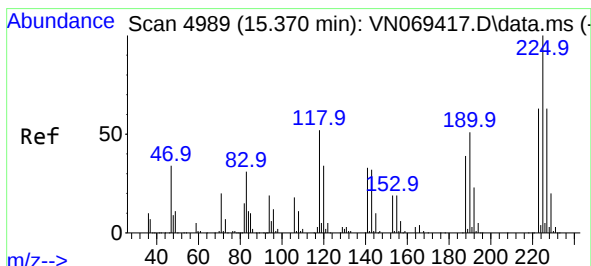
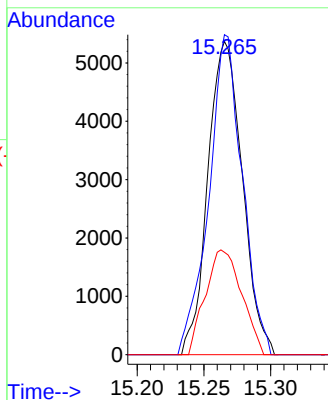
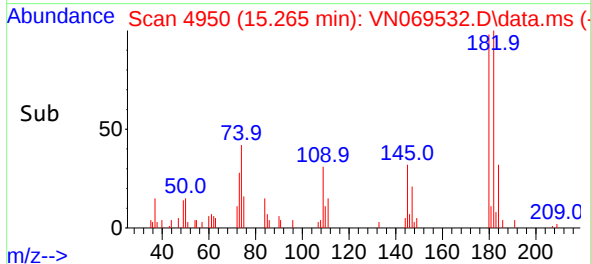
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



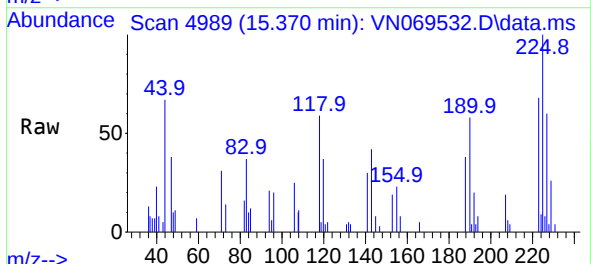
Tgt Ion:180 Resp: 964
Ion Ratio Lower Upper
180 100
182 99.1 48.3 144.9
145 35.1 14.5 43.5

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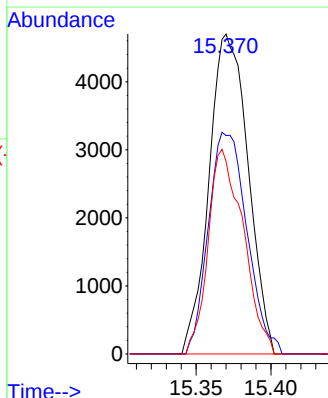
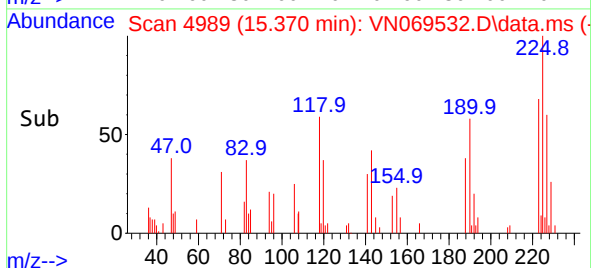
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

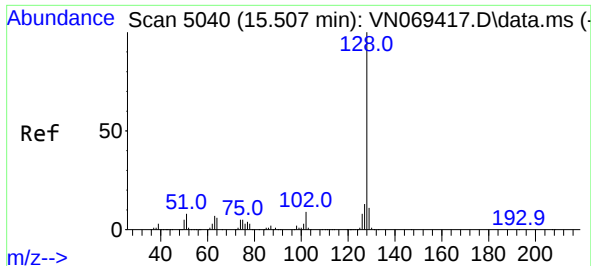


#94
Hexachlorobutadiene
Concen: 2.255 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09



Tgt Ion:225 Resp: 8539
Ion Ratio Lower Upper
225 100
223 68.6 31.9 95.7
227 57.6 32.1 96.3





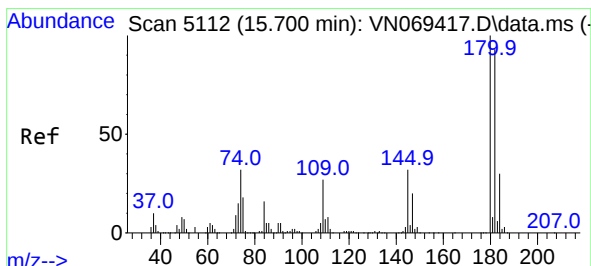
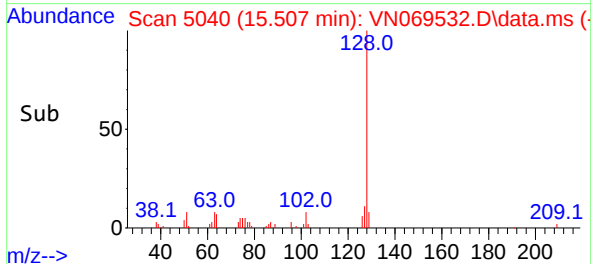
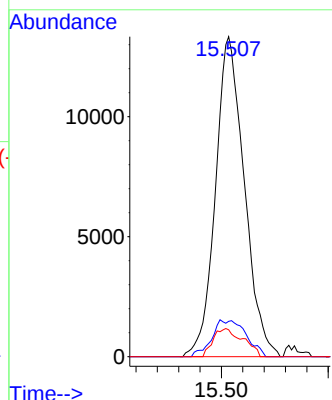
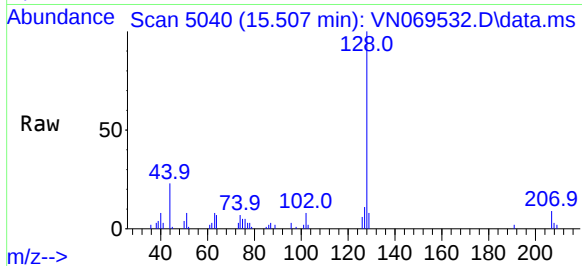
#95
Naphthalene
Concen: 1.450 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

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

Tgt Ion:128 Resp: 24962
Ion Ratio Lower Upper
128 100
127 6.0 10.5 15.7
129 9.1 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 1.695 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069532.D
Acq: 17 Nov 2021 16:09

Tgt Ion:180 Resp: 10426
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 33.6 15.0 45.1

