

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074637.D
 Acq On : 27 Sep 2022 19:17
 Operator : JC\MD
 Sample : N3980-07 LOD 2.5
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Sep 28 08:07:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Bromochloromethane	7.492	128	102811	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	619614	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	530471	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	301614	31.113	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.700%			
60) 4-Bromofluorobenzene	12.604	95	260564	25.287	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.300%			
63) Toluene-d8	10.316	98	931135	31.119	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.733%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	19144	3.168	ug/l	89
3) Chloromethane	2.216	50	31396m	3.538	ug/l	
4) Vinyl Chloride	2.357	62	40310	3.549	ug/l	90
5) Bromomethane	2.734	94	26701m	3.647	ug/l	
6) Chloroethane	2.899	64	24703m	3.077	ug/l	
7) Trichlorofluoromethane	3.246	101	31087	2.946	ug/l	90
8) Diethyl Ether	3.687	74	16567	2.977	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.057	101	19035m	2.814	ug/l	
10) 1,1-Dichloroethene	4.022	96	21931	3.145	ug/l	97
11) Methyl Iodide	4.263	142	23978	2.684	ug/l #	82
12) Methyl Acetate	4.681	43	56304m	3.771	ug/l	
13) Acrolein	3.898	56	26169m	21.532	ug/l	
14) Acrylonitrile	5.357	53	87503	14.458	ug/l	90
15) Acetone	4.140	58	26528m	16.688	ug/l	
16) Carbon Disulfide	4.363	76	57169	2.917	ug/l	96
17) Allyl chloride	4.651	41	47815m	3.362	ug/l	
18) Methylene Chloride	4.898	84	35890	4.037	ug/l #	90
19) trans-1,2-Dichloroethene	5.398	96	27060m	3.433	ug/l	
20) Diisopropyl ether	6.316	45	85090	2.735	ug/l #	87
21) 1,1-Dichloroethane	6.192	63	46888	2.984	ug/l	96
22) cis-1,2-Dichloroethene	7.145	96	28317m	2.978	ug/l	
23) tert-Butyl Alcohol	5.181	59	51571m	20.693	ug/l	
24) Methyl tert-Butyl Ether	5.422	73	79073m	2.736	ug/l	
25) Chloroform	7.663	83	42089	2.702	ug/l	87
26) Cyclohexane	7.934	56	41275	2.922	ug/l #	93
29) 1,1-Dichloropropene	8.069	75	31638	2.734	ug/l	94
30) 2-Butanone	7.163	43	131877	14.936	ug/l #	96
31) 2,2-Dichloropropane	7.151	77	37856	2.740	ug/l #	87
32) 1,1,1-Trichloroethane	7.857	97	36247	2.651	ug/l #	36
33) Carbon Tetrachloride	8.051	117	31092	2.719	ug/l #	83
34) Benzene	8.310	78	104847	2.737	ug/l #	62
35) Methacrylonitrile	7.481	41	25526m	3.039	ug/l	
36) 1,2-Dichloroethane	8.381	62	34184	2.732	ug/l	96
37) Trichloroethene	9.080	130	21351	2.624	ug/l	84
38) Methylcyclohexane	9.322	83	39107	2.611	ug/l	99
39) 1,2-Dichloropropane	9.351	63	28584	2.818	ug/l #	76
40) Dibromomethane	9.445	93	16048	2.452	ug/l	91
41) Bromodichloromethane	9.633	83	35212	2.706	ug/l #	92
42) Vinyl Acetate	6.245	43	387102m	13.487	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.251	43	49880m	2.917	ug/l	
44) Isopropyl Acetate	8.416	43	76395	2.751	ug/l	98
45) 1,4-Dioxane	9.433	88	13846	58.427	ug/l #	82
46) Methyl methacrylate	9.428	41	34273	2.963	ug/l	87
47) n-amyl Acetate	12.269	43	57988	2.281	ug/l	95
48) t-1,3-Dichloropropene	10.592	75	36362	2.302	ug/l	99
49) cis-1,3-Dichloropropene	10.063	75	41046	2.497	ug/l	93
50) 1,1,2-Trichloroethane	10.774	97	23292	2.448	ug/l	95
51) Ethyl methacrylate	10.639	69	42218	2.366	ug/l	89
52) 1,3-Dichloropropane	10.922	76	44678	2.649	ug/l	98
53) Dibromochloromethane	11.110	129	23037	2.291	ug/l	96
54) 1,2-Dibromoethane	11.222	107	23710	2.409	ug/l	94
55) 2-Chloroethyl vinyl ether	9.916	63	84099	12.146	ug/l	96
56) Bromoform	12.333	173	16630	2.116	ug/l #	79
58) 4-Methyl-2-Pentanone	10.204	43	239199	14.530	ug/l	98
59) 2-Hexanone	10.963	43	176856	13.871	ug/l	98
61) Tetrachloroethene	10.851	164	16658	2.815	ug/l #	84
62) Toluene	10.375	91	98079	2.525	ug/l	99
64) Chlorobenzene	11.645	112	56850	2.554	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.721	131	21455	2.565	ug/l	94
66) Ethyl Benzene	11.721	91	100738	2.442	ug/l	97
67) m/p-Xylenes	11.827	106	74696	4.510	ug/l	98
68) o-Xylene	12.157	106	38410	2.278	ug/l	99
69) Styrene	12.174	104	59536	2.099	ug/l	95
70) Isopropylbenzene	12.457	105	93630	2.176	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.704	83	38506	2.522	ug/l	96
72) 1,2,3-Trichloropropane	12.757	75	29391m	2.542	ug/l	
73) Bromobenzene	12.739	156	20596	2.383	ug/l	93
74) n-propylbenzene	12.798	91	97573	2.013	ug/l	97
75) 2-Chlorotoluene	12.880	91	65340	2.222	ug/l	100
76) 1,3,5-Trimethylbenzene	12.939	105	73672	2.031	ug/l	97
77) t-1,4-Dichloro-2-butene	12.498	75	14117	2.358	ug/l	86
78) 4-Chlorotoluene	12.980	91	53672	1.821	ug/l	96
79) tert-butylbenzene	13.204	119	68284	2.152	ug/l	97
80) 1,2,4-Trimethylbenzene	13.245	105	71448	1.994	ug/l	96
81) sec-Butylbenzene	13.380	105	84776	1.887	ug/l	98
82) p-Isopropyltoluene	13.492	119	65434	1.770	ug/l	96
83) 1,3-Dichlorobenzene	13.486	146	32294	1.818	ug/l	95
84) 1,4-Dichlorobenzene	13.568	146	33052	1.871	ug/l	94
85) n-Butylbenzene	13.821	91	55780	1.769	ug/l	95
86) Hexachloroethane	14.086	117	15769	2.215	ug/l	99
87) 1,2-Dichlorobenzene	13.863	146	35219	1.938	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.474	75	8072m	2.524	ug/l	
89) 1,2,4-Trichlorobenzene	15.127	180	13140m	1.734	ug/l	
90) Hexachlorobutadiene	15.227	225	6053	1.813	ug/l #	53
91) Naphthalene	15.362	128	58335	1.835	ug/l #	84
92) 1,2,3-Trichlorobenzene	15.551	180	13855	1.823	ug/l	95

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

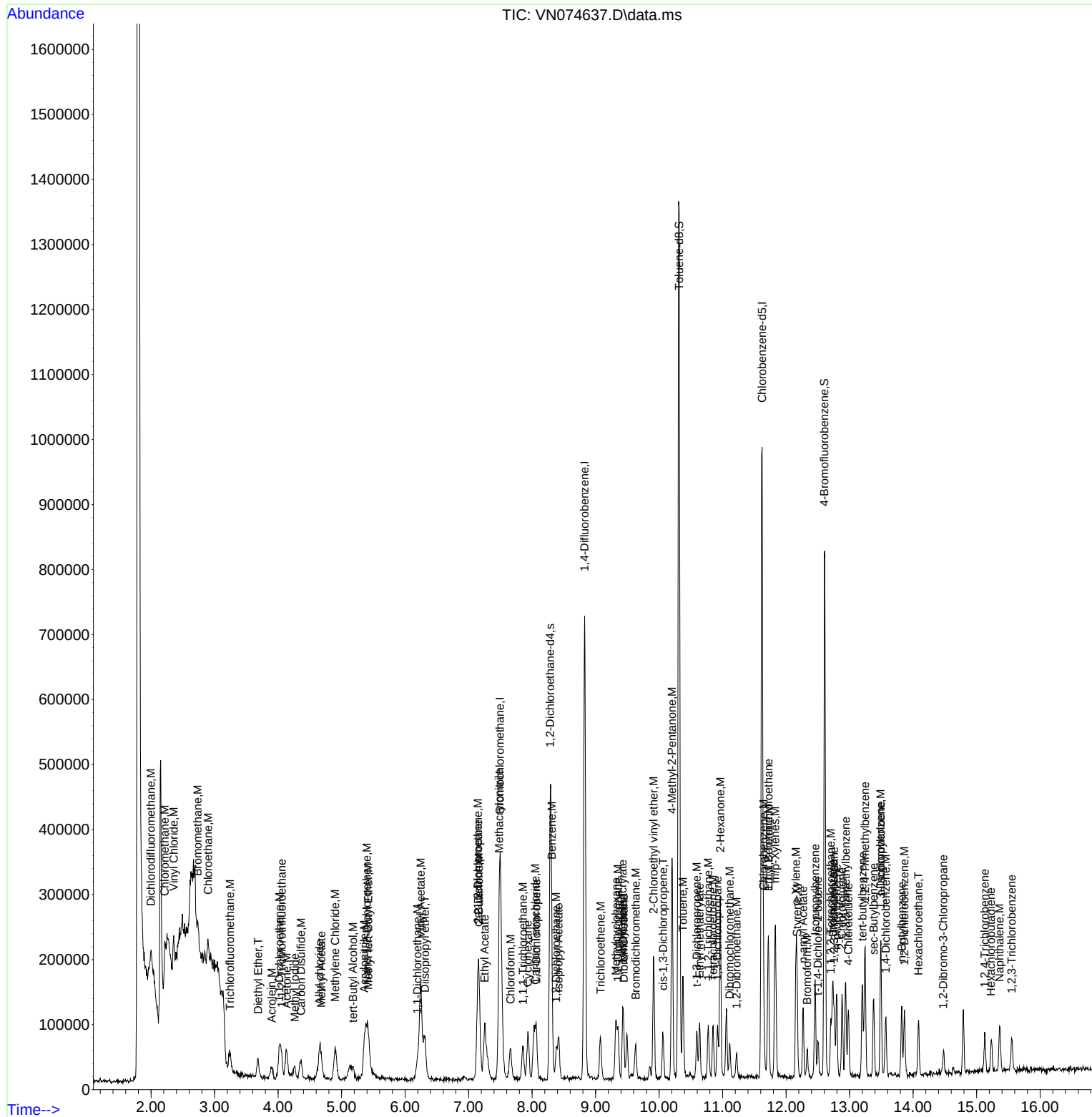
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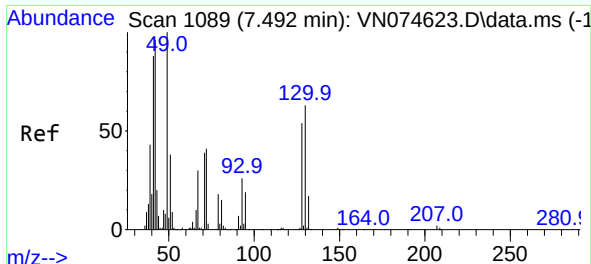
Instrument :
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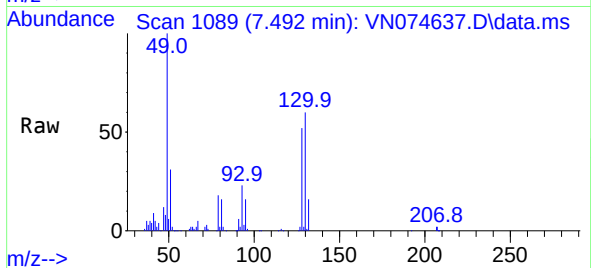
Reviewed By : John Carlone 09/28/2022
Supervised By : Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

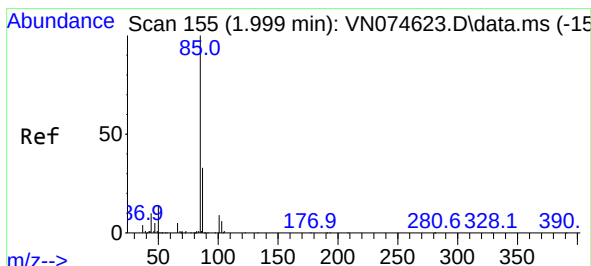
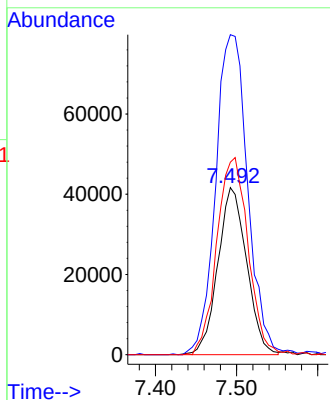
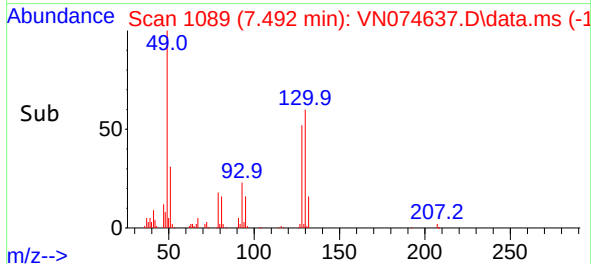
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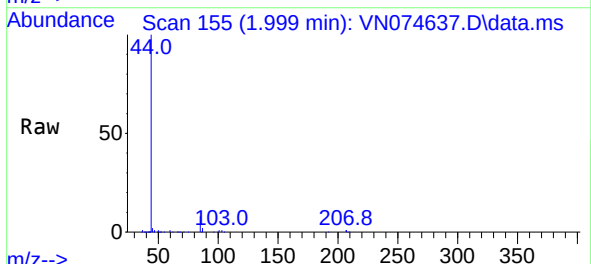
Tgt Ion:128 Resp: 10281
Ion Ratio Lower Upper
128 100
49 211.9 0.0 492.0
130 127.7 0.0 313.3

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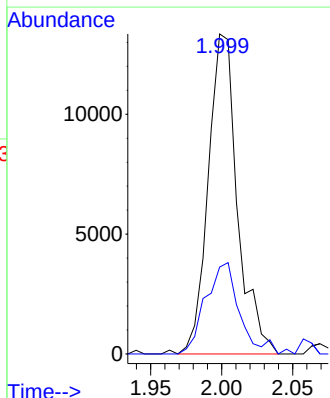
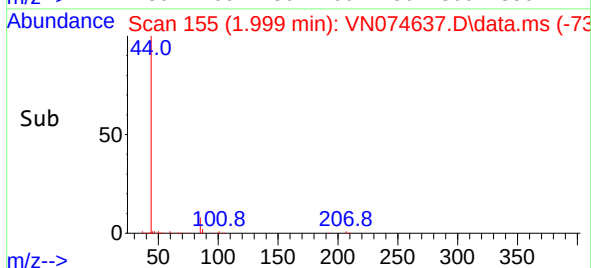
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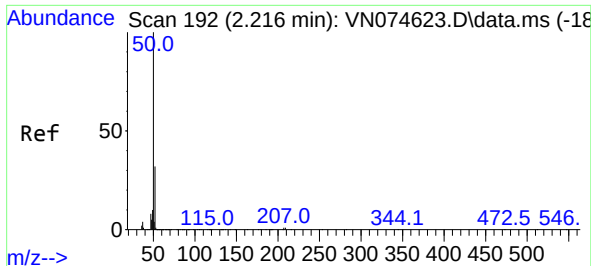


#2
Dichlorodifluoromethane
Concen: 3.168 ug/l
RT: 1.999 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



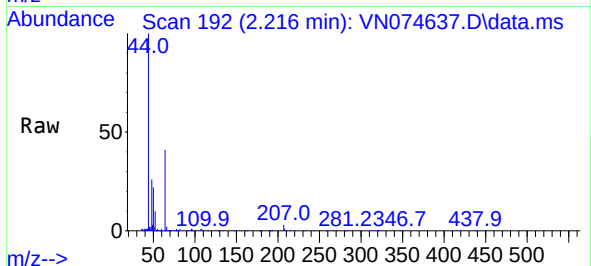
Tgt Ion: 85 Resp: 19144
Ion Ratio Lower Upper
85 100
87 27.2 16.7 50.1





#3
Chloromethane
Concen: 3.538 ug/l m
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

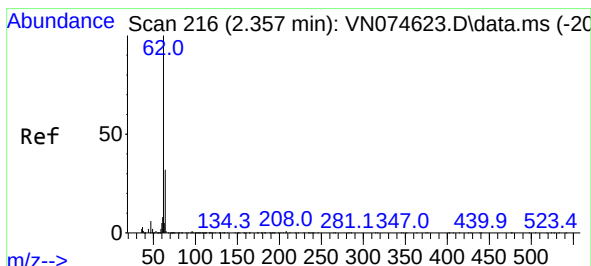
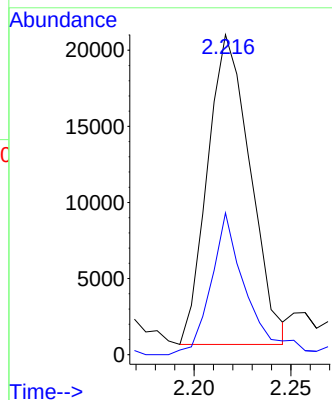
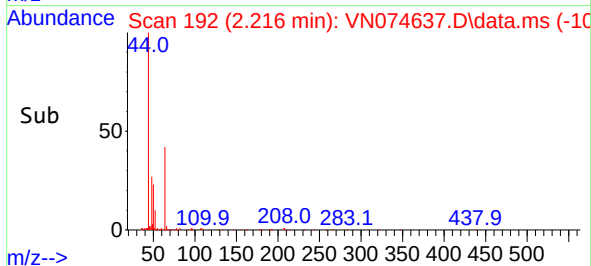
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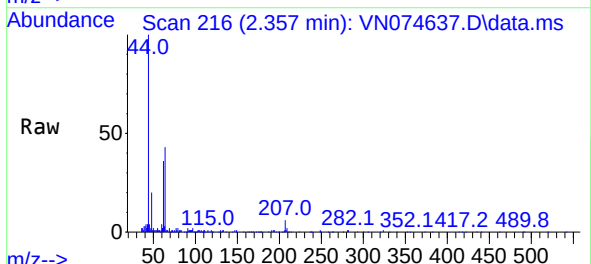
Tgt Ion: 50 Resp: 31390
Ion Ratio Lower Upper
50 100
52 44.3 25.5 38.3

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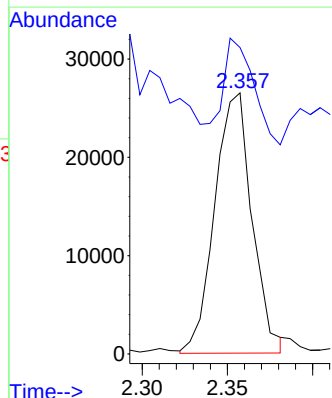
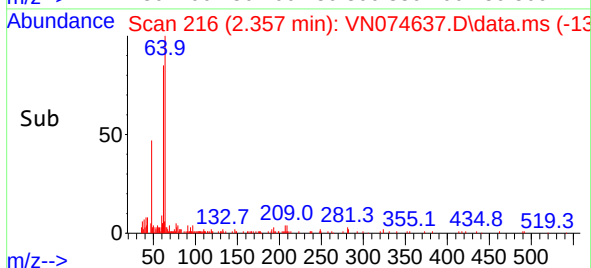
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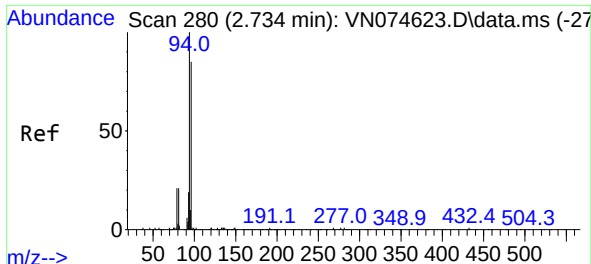


#4
Vinyl Chloride
Concen: 3.549 ug/l
RT: 2.357 min Scan# 216
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



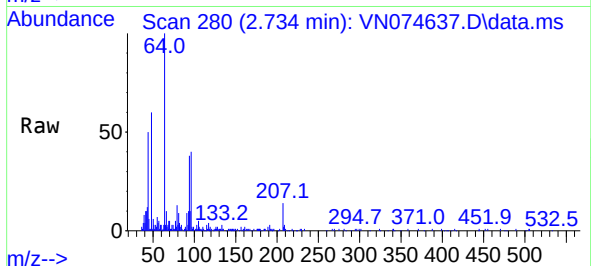
Tgt Ion: 62 Resp: 40310
Ion Ratio Lower Upper
62 100
64 37.7 25.6 38.4





#5
Bromomethane
Concen: 3.647 ug/l m
RT: 2.734 min Scan# 280
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

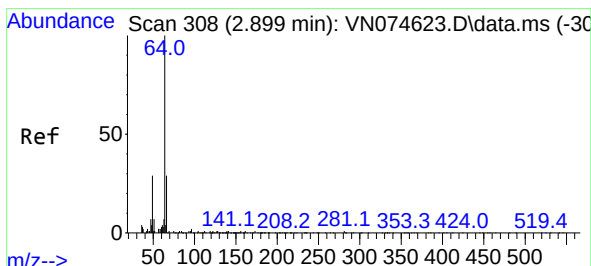
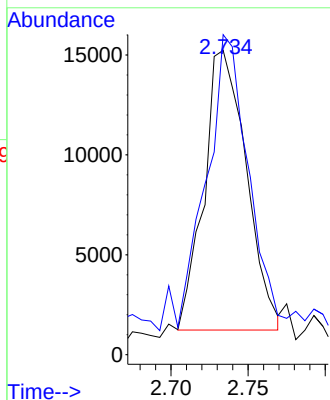
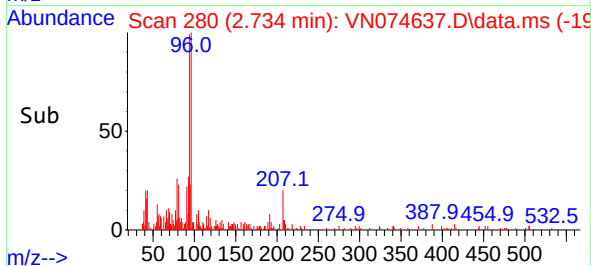
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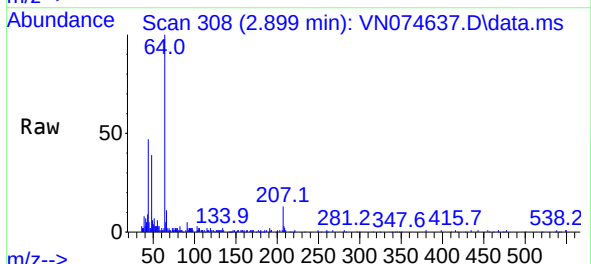
Tgt Ion: 94 Resp: 2670
Ion Ratio Lower Upper
94 100
96 105.1 68.3 102.5

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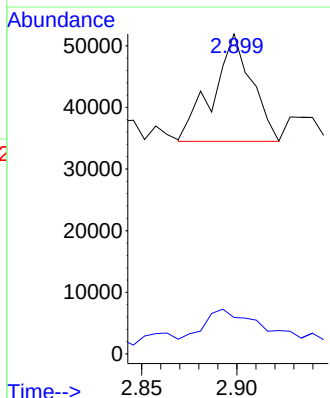
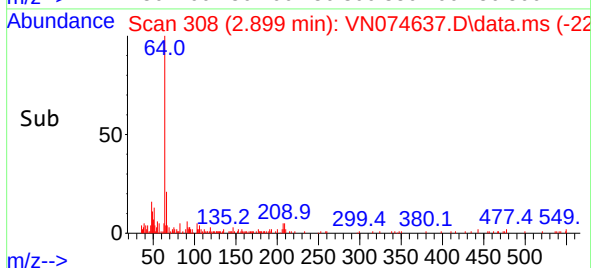
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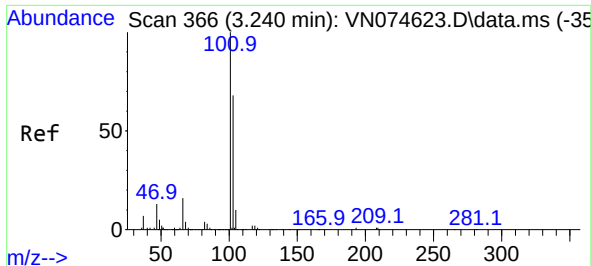


#6
Chloroethane
Concen: 3.077 ug/l m
RT: 2.899 min Scan# 308
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



Tgt Ion: 64 Resp: 24703
Ion Ratio Lower Upper
64 100
66 11.4 21.8 32.8





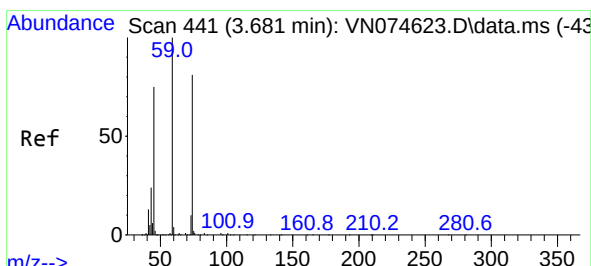
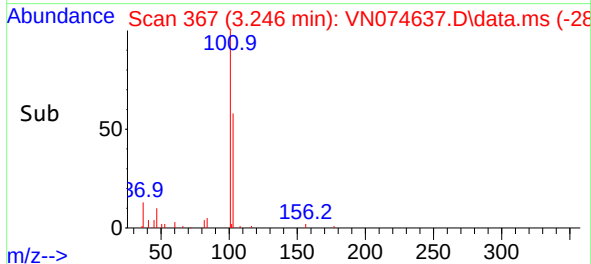
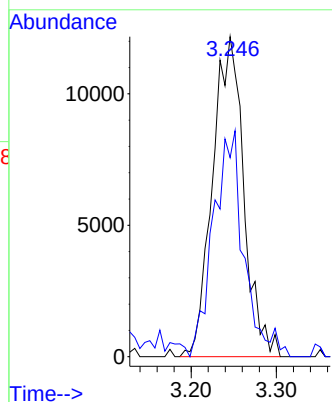
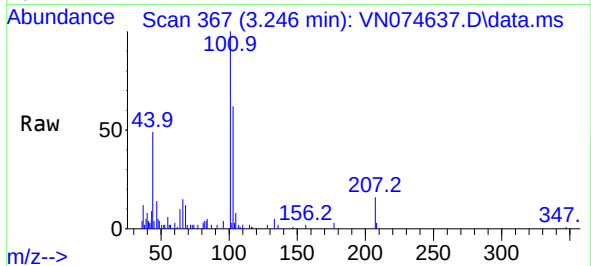
#7
Trichlorofluoromethane
Concen: 2.946 ug/l
RT: 3.246 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:101 Resp: 3108
Ion Ratio Lower Upper
101 100
103 60.1 54.8 82.2

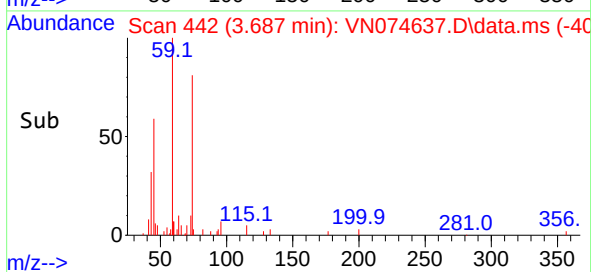
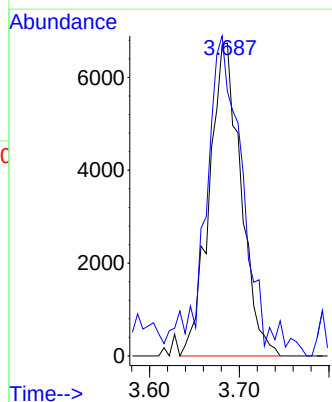
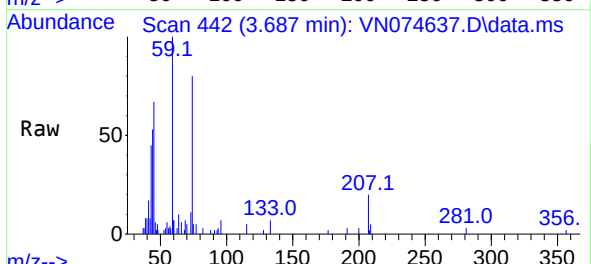
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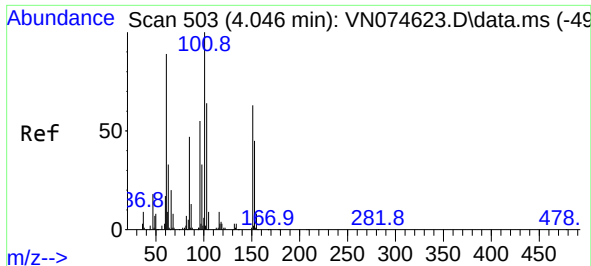
Reviewed By :John Carlone 09/28/2022
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#8
Diethyl Ether
Concen: 2.977 ug/l
RT: 3.687 min Scan# 442
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Tgt Ion: 74 Resp: 16567
Ion Ratio Lower Upper
74 100
45 99.7 19.0 171.0





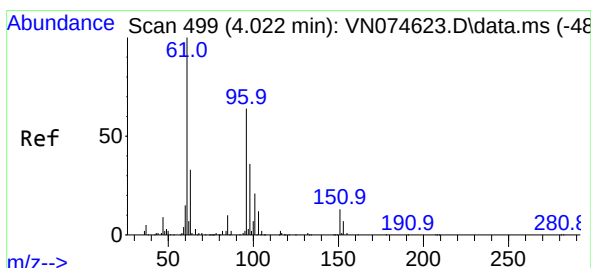
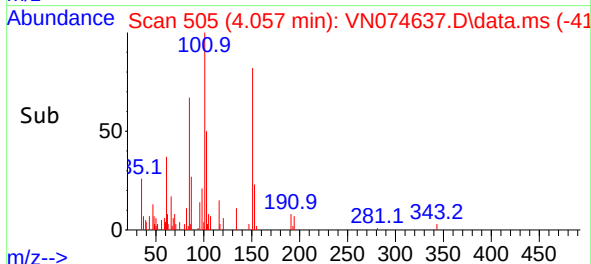
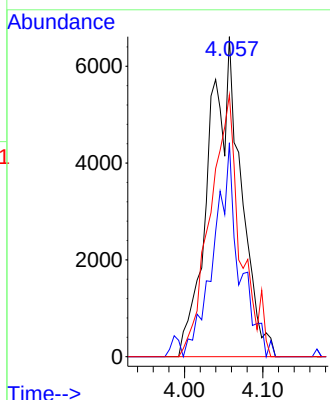
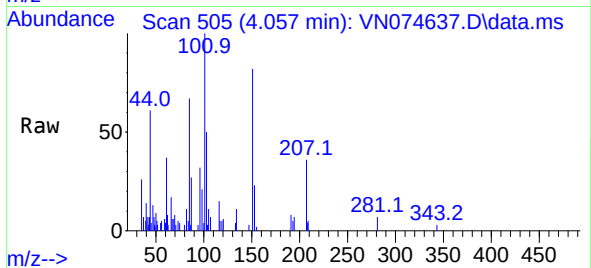
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.814 ug/l m
RT: 4.057 min Scan# 503
Delta R.T. 0.012 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 101 Resp: 1903
Ion Ratio Lower Upper
101 100
85 26.7 0.0 94.6
151 0.0 0.0 144.8

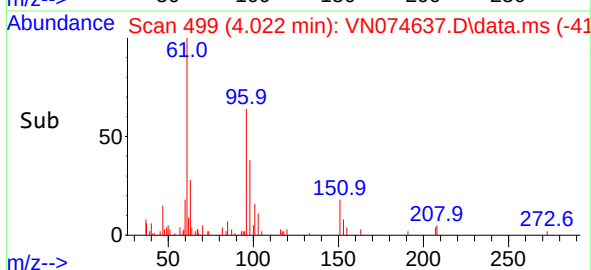
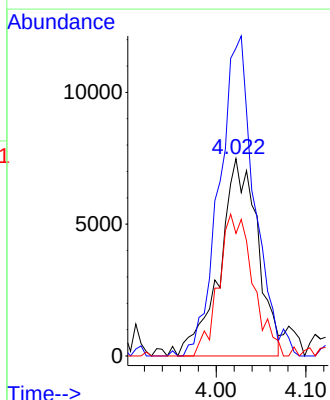
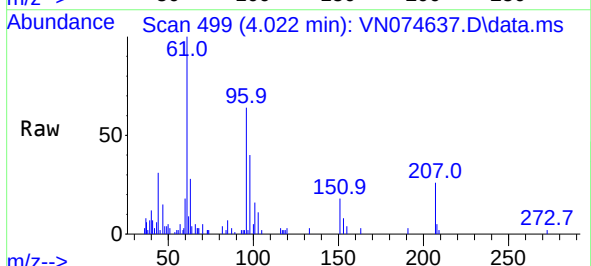
Manual Integrations
APPROVED

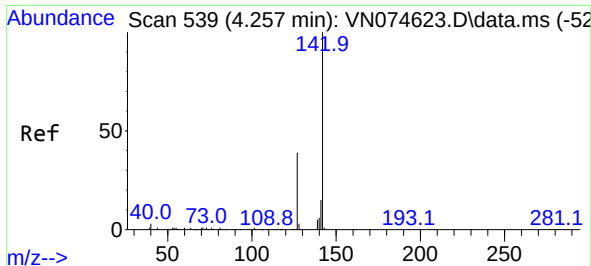
Reviewed By : John Carlone 09/28/2022
Supervised By : Mahesh Dadoda 09/28/2022



#10
1,1-Dichloroethene
Concen: 3.145 ug/l
RT: 4.022 min Scan# 499
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

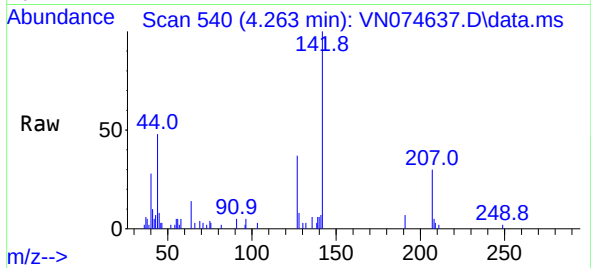
Tgt Ion: 96 Resp: 21931
Ion Ratio Lower Upper
96 100
61 156.0 125.5 188.3
98 62.1 45.0 67.4





#11
Methyl Iodide
Concen: 2.684 ug/l
RT: 4.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

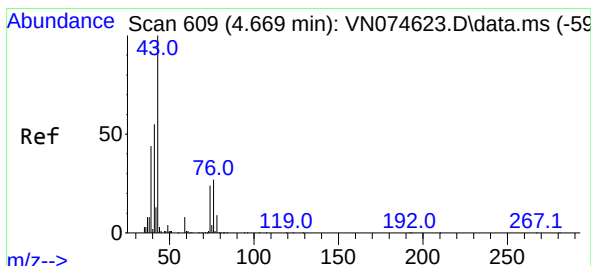
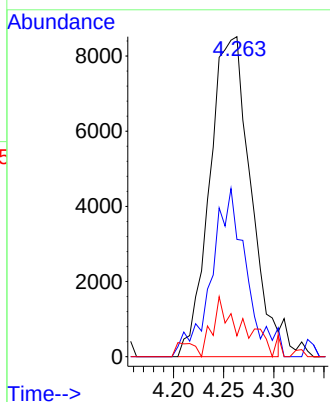
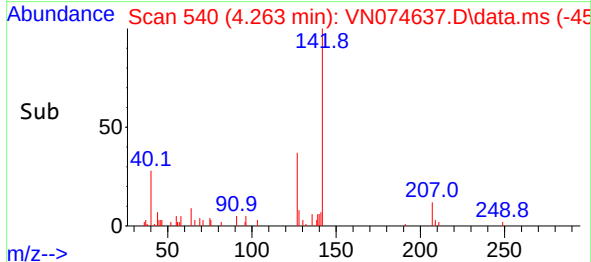
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:142 Resp: 23978
Ion Ratio Lower Upper
142 100
127 31.8 19.3 57.8
141 1.1 7.7 23.1

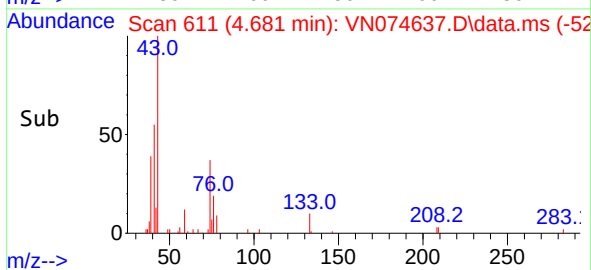
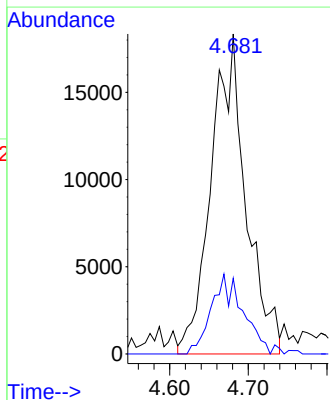
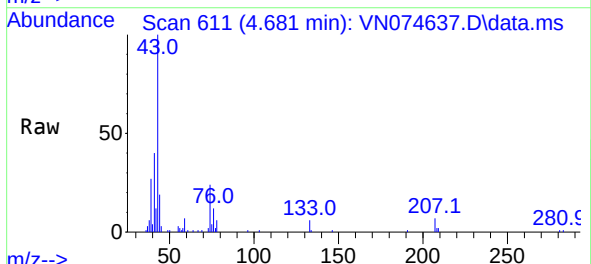
Manual Integrations
APPROVED

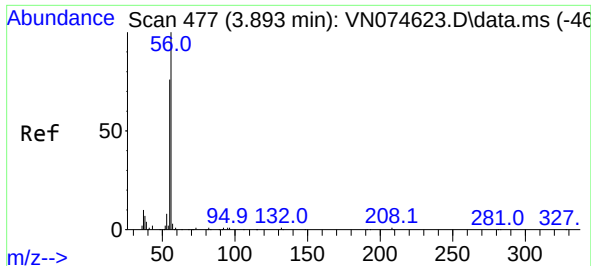
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
Methyl Acetate
Concen: 3.771 ug/l m
RT: 4.681 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

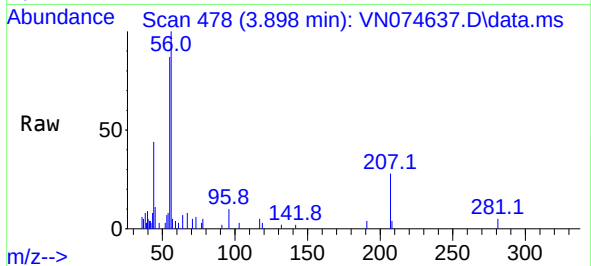
Tgt Ion: 43 Resp: 56304
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6





#13
Acrolein
Concen: 21.532 ug/l m
RT: 3.898 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

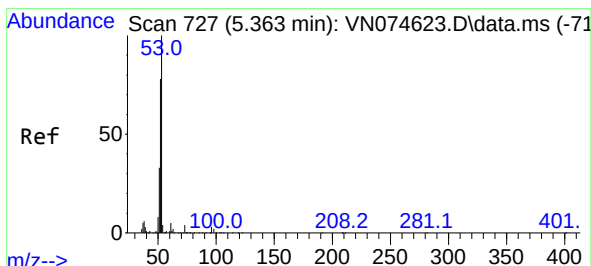
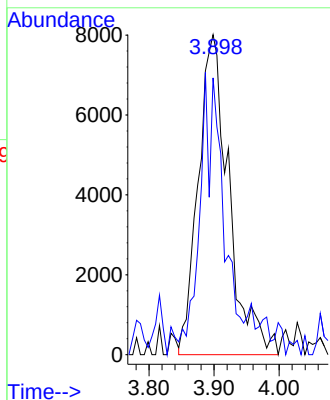
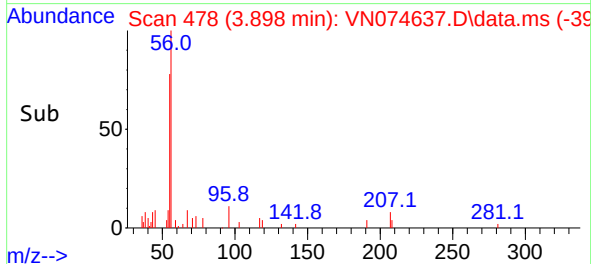
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



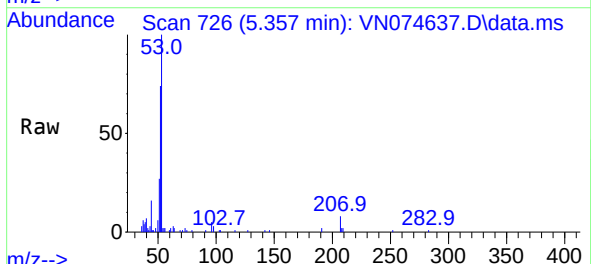
Tgt Ion: 56 Resp: 26169
Ion Ratio Lower Upper
56 100
55 1.3 56.2 84.2

Manual Integrations
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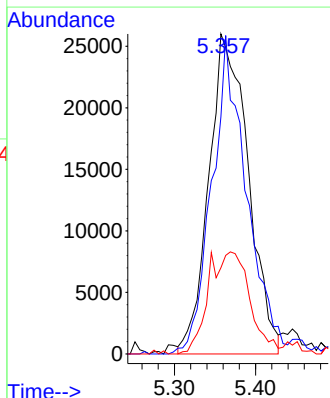
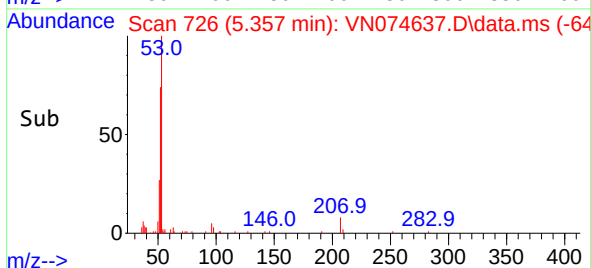
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

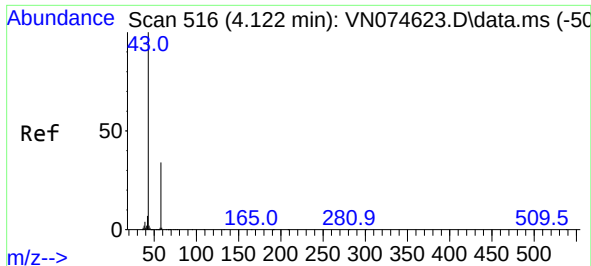


#14
Acrylonitrile
Concen: 14.458 ug/l
RT: 5.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



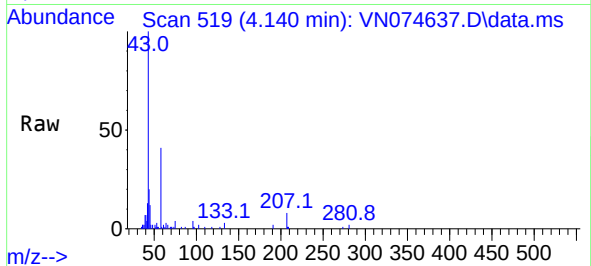
Tgt Ion: 53 Resp: 87503
Ion Ratio Lower Upper
53 100
52 87.3 40.8 122.4
51 23.8 17.0 51.0





#15
Acetone
Concen: 16.688 ug/l m
RT: 4.140 min Scan# 516
Delta R.T. 0.018 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

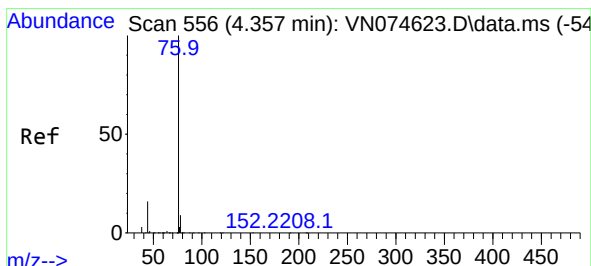
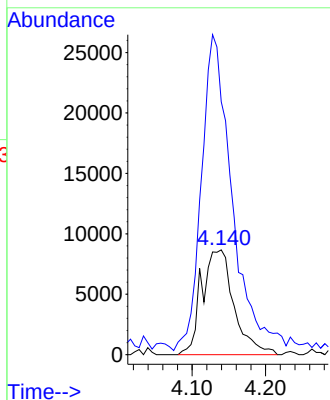
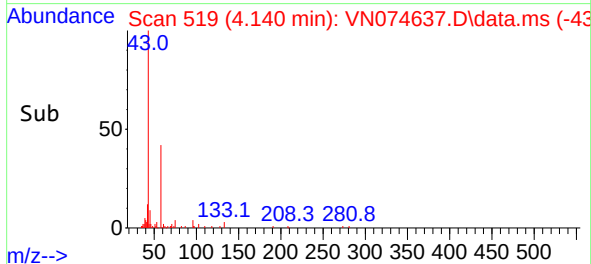
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



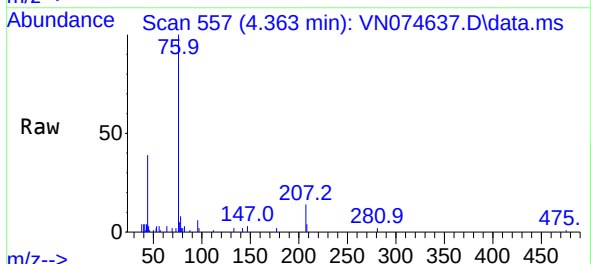
Tgt Ion: 58 Resp: 26528
Ion Ratio Lower Upper
58 100
43 241.4 232.2 348.4

Manual Integrations
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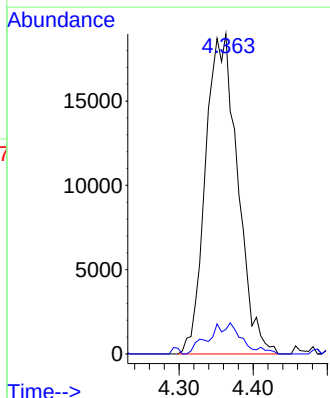
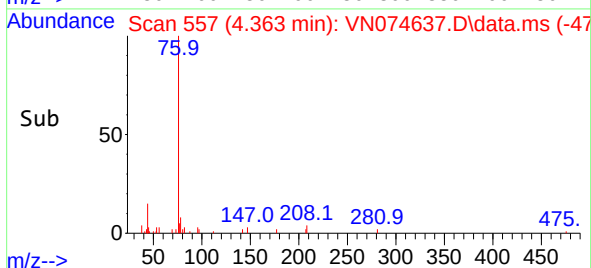
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

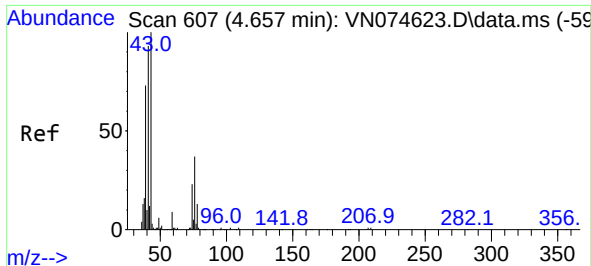


#16
Carbon Disulfide
Concen: 2.917 ug/l
RT: 4.363 min Scan# 557
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



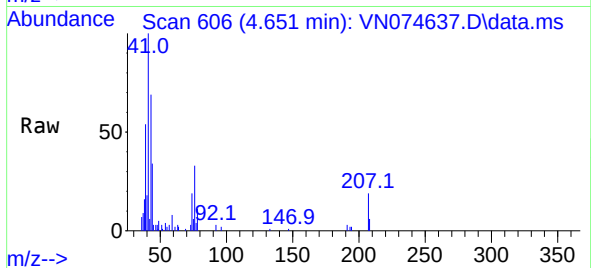
Tgt Ion: 76 Resp: 57169
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8





#17
 Allyl chloride
 Concen: 3.362 ug/l m
 RT: 4.651 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VN074637.D
 Acq: 27 Sep 2022 19:17

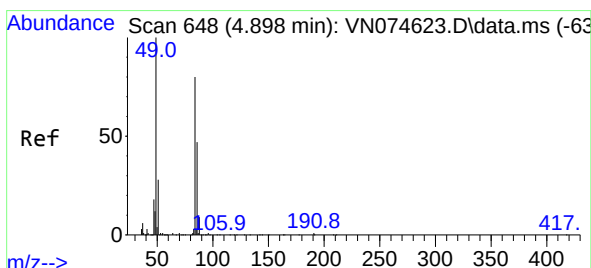
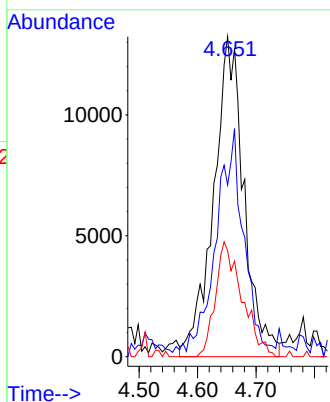
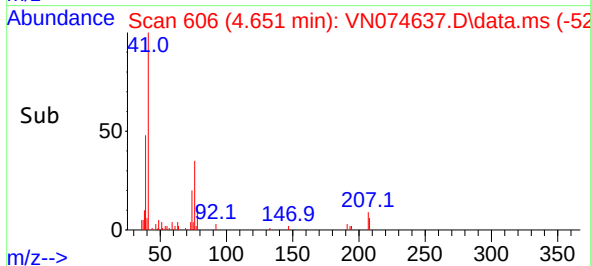
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 41 Resp: 47815
 Ion Ratio Lower Upper
 41 100
 39 53.7 39.1 117.5
 76 33.1 19.8 59.4

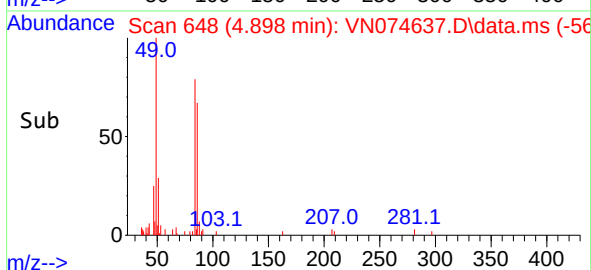
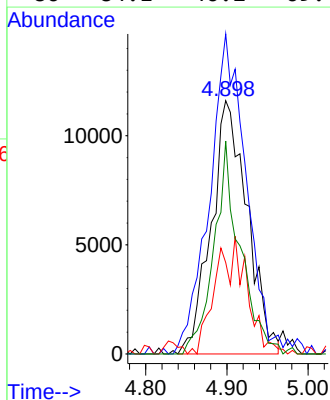
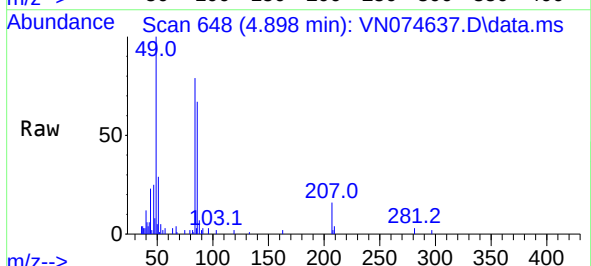
Manual Integrations
 APPROVED

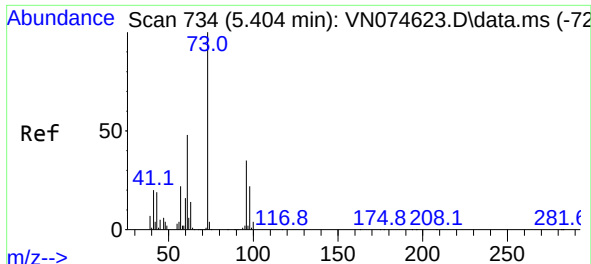
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#18
 Methylene Chloride
 Concen: 4.037 ug/l
 RT: 4.898 min Scan# 648
 Delta R.T. -0.000 min
 Lab File: VN074637.D
 Acq: 27 Sep 2022 19:17

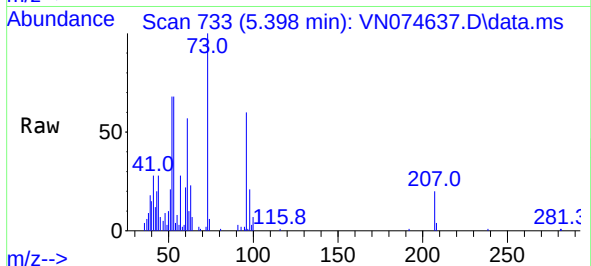
Tgt Ion: 84 Resp: 35890
 Ion Ratio Lower Upper
 84 100
 49 123.1 99.6 149.4
 51 34.1 28.2 42.2
 86 84.1 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 3.433 ug/l m
RT: 5.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

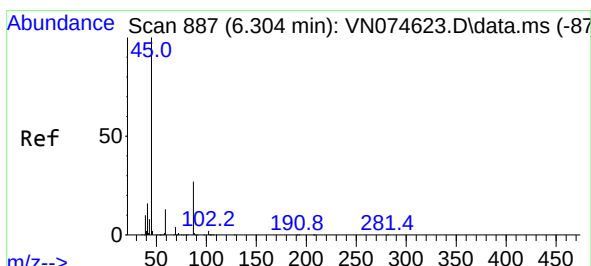
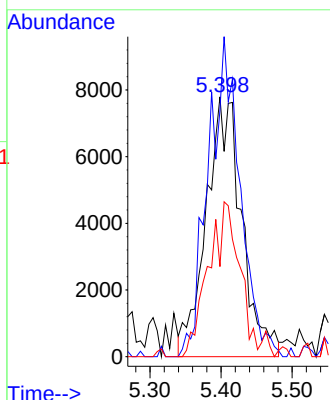
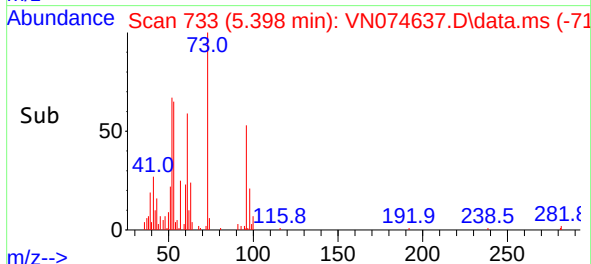
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 96 Resp: 27060
Ion Ratio Lower Upper
96 100
61 95.0 110.2 165.4
98 34.7 50.0 75.0

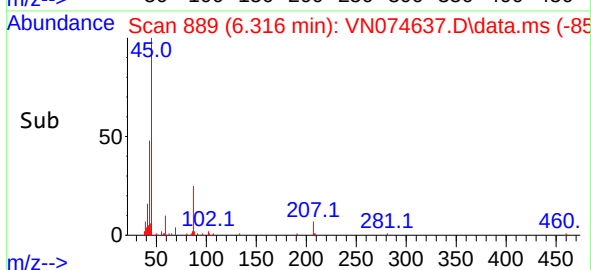
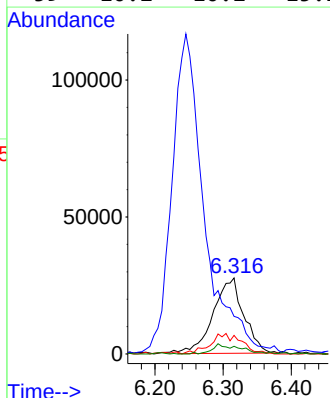
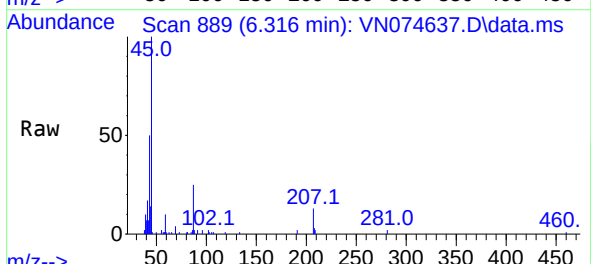
Manual Integrations
APPROVED

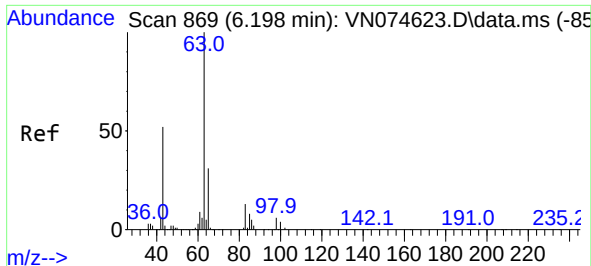
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Diisopropyl ether
Concen: 2.735 ug/l
RT: 6.316 min Scan# 889
Delta R.T. 0.012 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

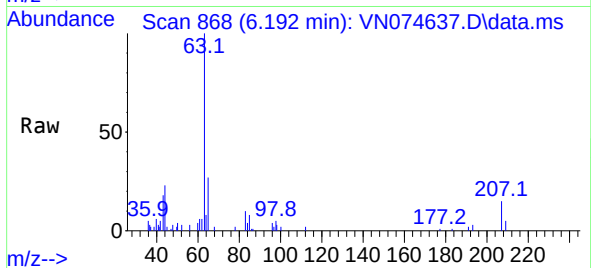
Tgt Ion: 45 Resp: 85090
Ion Ratio Lower Upper
45 100
43 45.3 47.3 70.9
87 24.9 21.8 32.8
59 10.2 10.2 15.2





#21
1,1-Dichloroethane
Concen: 2.984 ug/l
RT: 6.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

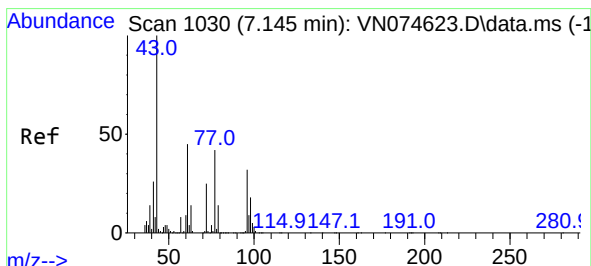
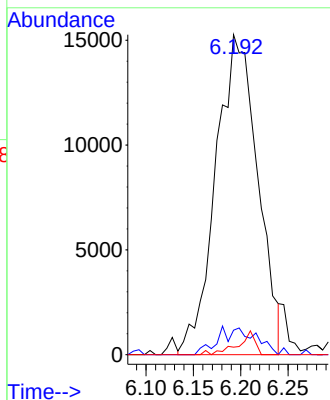
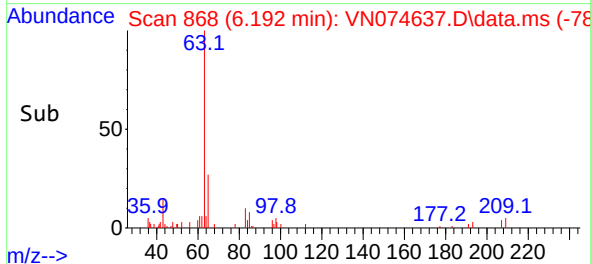
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 63 Resp: 4688
Ion Ratio Lower Upper
63 100
98 7.7 3.3 9.9
100 2.4 2.2 6.6

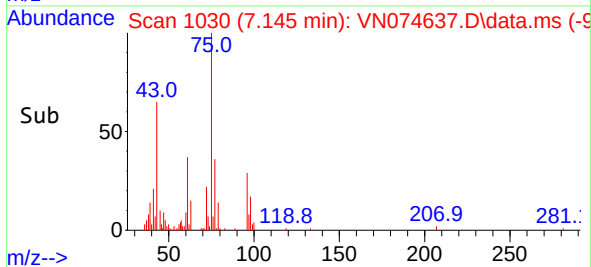
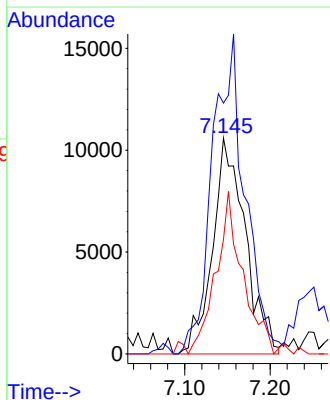
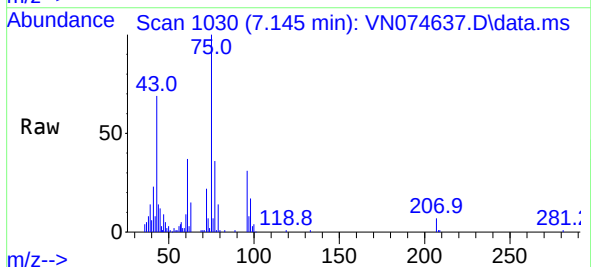
Manual Integrations
APPROVED

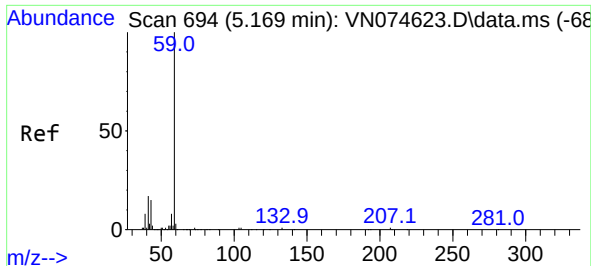
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#22
cis-1,2-Dichloroethene
Concen: 2.978 ug/l m
RT: 7.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

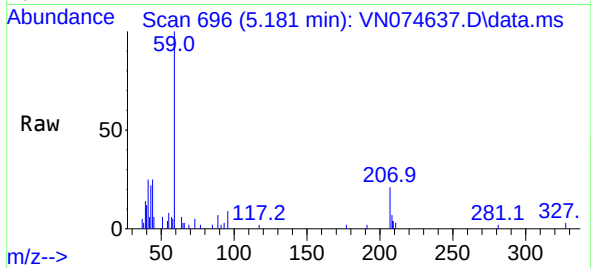
Tgt Ion: 96 Resp: 28317
Ion Ratio Lower Upper
96 100
61 82.5 118.8 178.2#
98 60.9 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 20.693 ug/l m
RT: 5.181 min Scan# 694
Delta R.T. 0.012 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

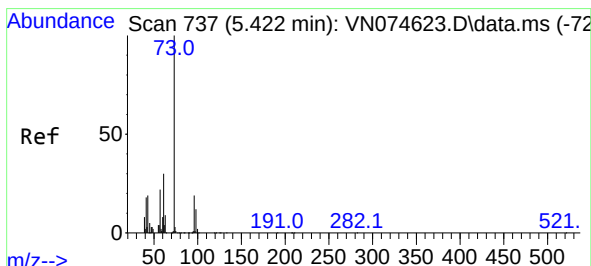
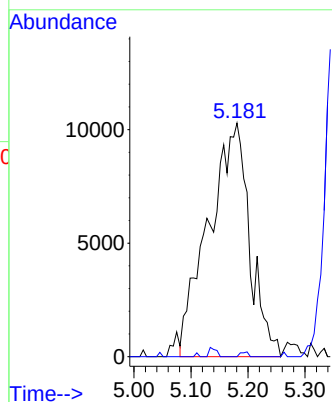
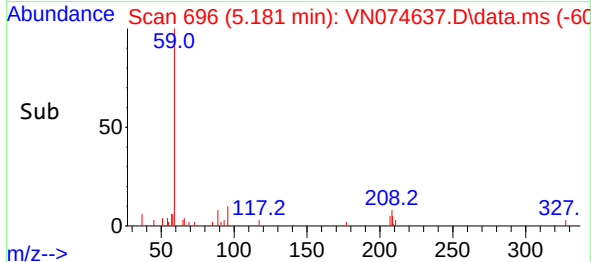
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



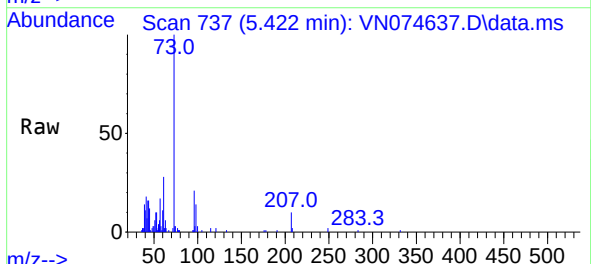
Tgt Ion: 59 Resp: 5157
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

Manual Integrations
APPROVED

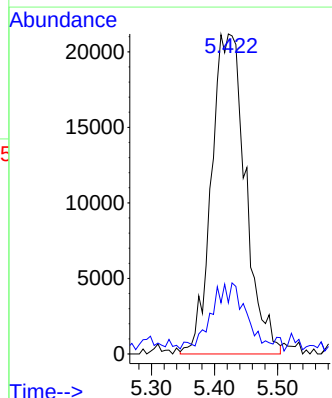
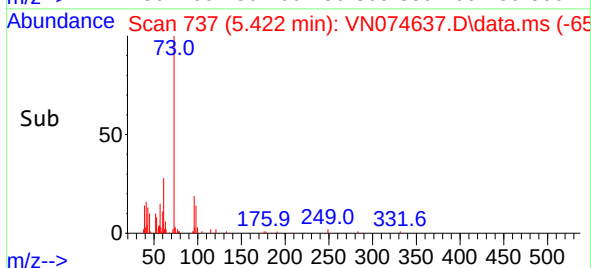
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

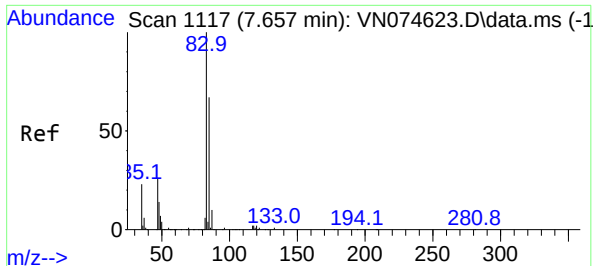


#24
Methyl tert-Butyl Ether
Concen: 2.736 ug/l m
RT: 5.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



Tgt Ion: 73 Resp: 79073
Ion Ratio Lower Upper
73 100
43 5.6 15.6 23.4





#25

Chloroform

Concen: 2.702 ug/l

RT: 7.663 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN074637.D

Acq: 27 Sep 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

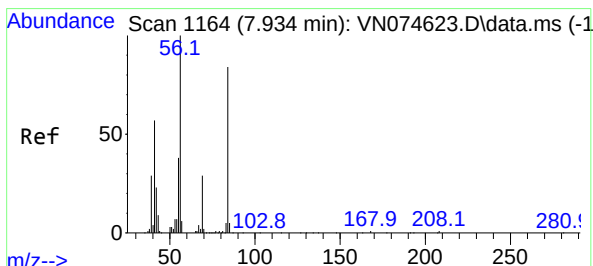
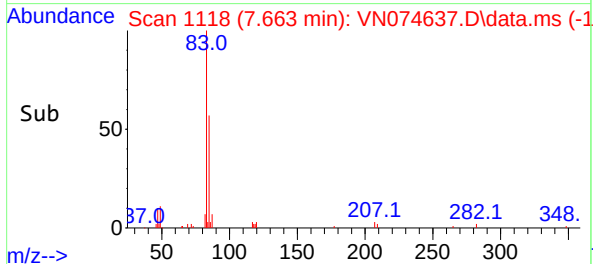
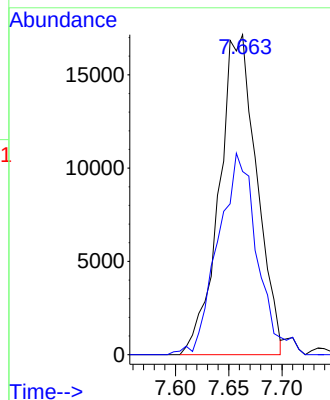
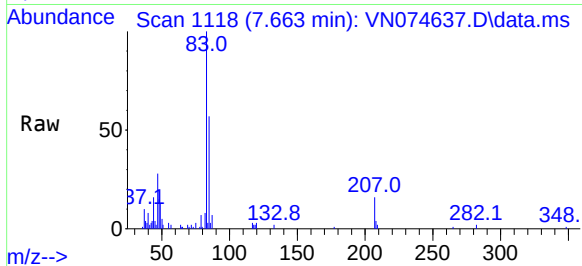
Tgt Ion: 83 Resp: 42089
 Ion Ratio Lower Upper
 83 100
 85 56.2 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#26

Cyclohexane

Concen: 2.922 ug/l

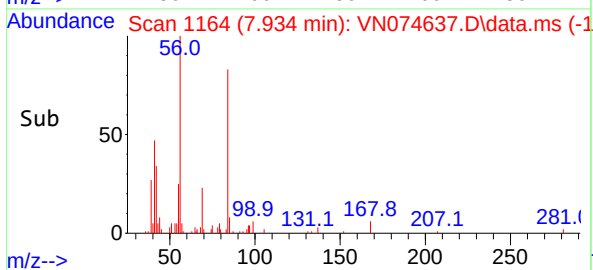
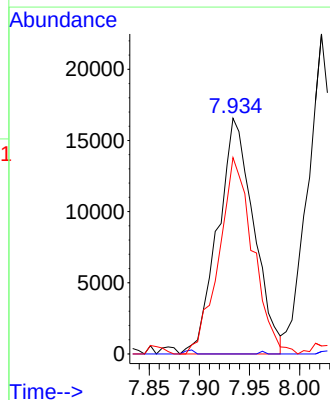
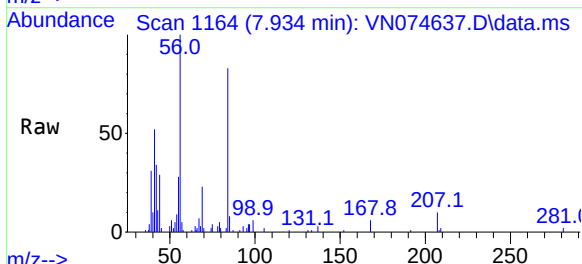
RT: 7.934 min Scan# 1164

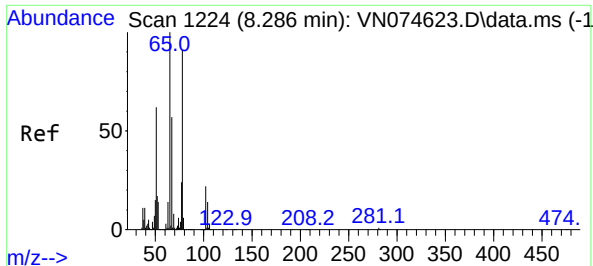
Delta R.T. -0.000 min

Lab File: VN074637.D

Acq: 27 Sep 2022 19:17

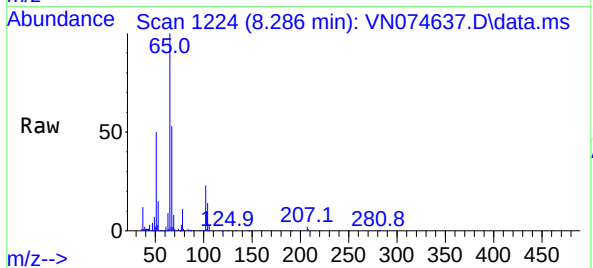
Tgt Ion: 56 Resp: 41275
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 78.8 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 31.113 ug/l
RT: 8.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

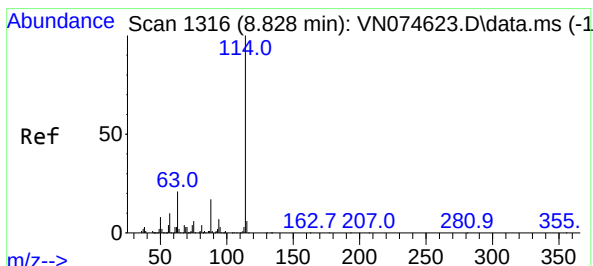
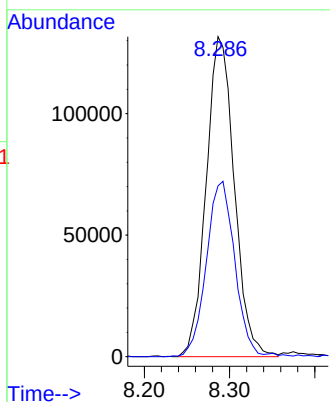
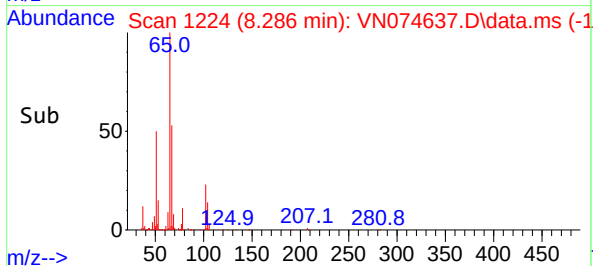
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



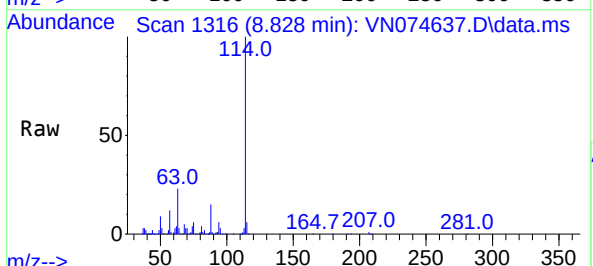
Tgt Ion: 65 Resp: 301614
Ion Ratio Lower Upper
65 100
67 55.0 45.2 67.8

Manual Integrations
APPROVED

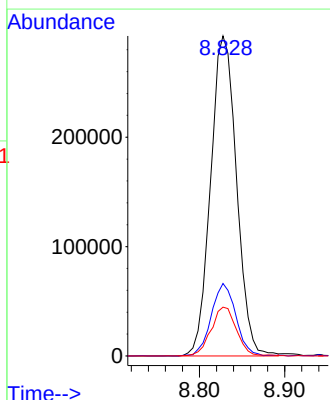
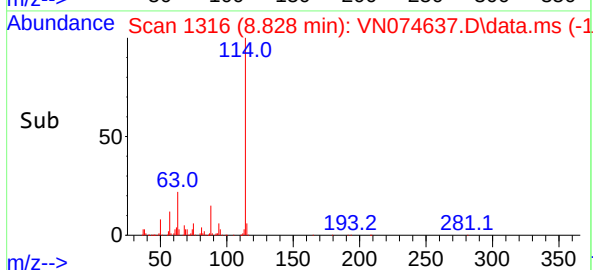
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

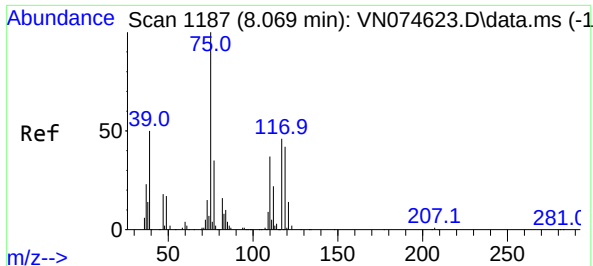


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



Tgt Ion:114 Resp: 619614
Ion Ratio Lower Upper
114 100
63 21.2 16.6 25.0
88 14.8 12.2 18.4





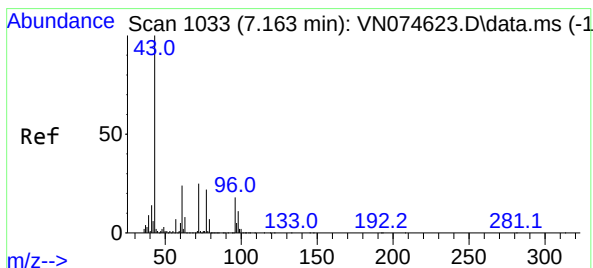
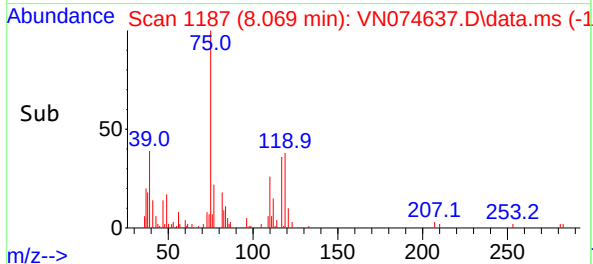
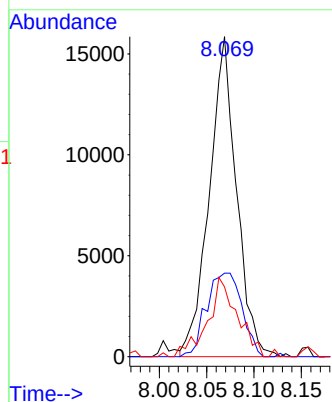
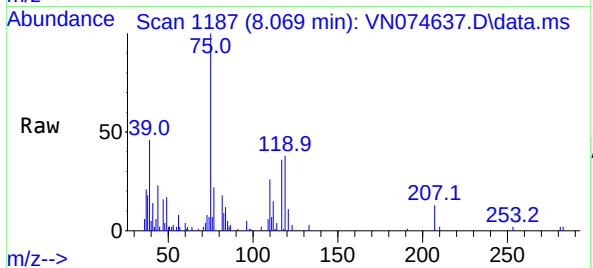
#29
1,1-Dichloropropene
Concen: 2.734 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 75 Resp: 31638
Ion Ratio Lower Upper
75 100
110 34.2 0.0 72.2
77 26.9 0.0 64.0

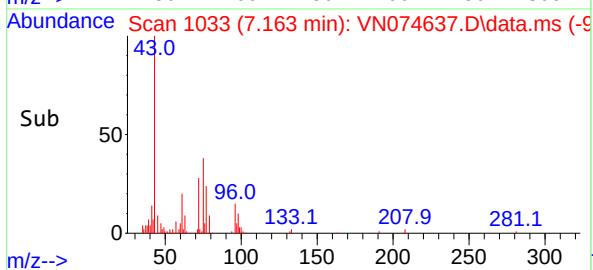
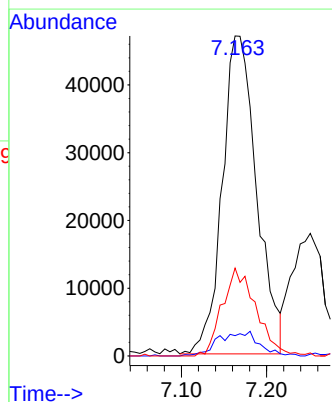
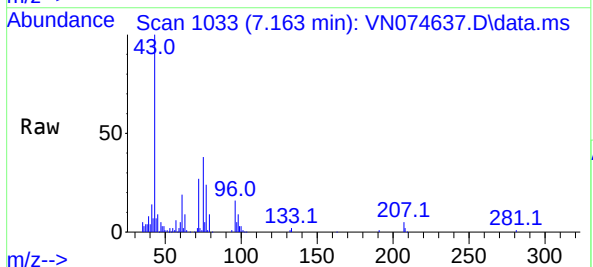
Manual Integrations
APPROVED

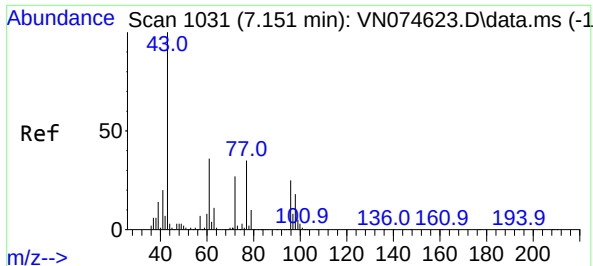
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
2-Butanone
Concen: 14.936 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

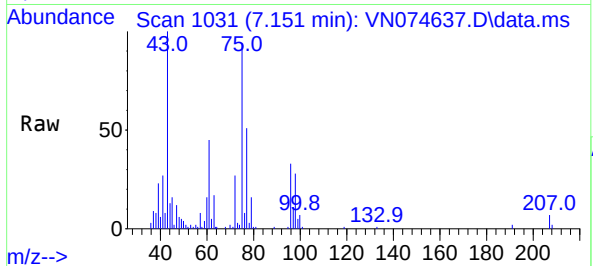
Tgt Ion: 43 Resp: 131877
Ion Ratio Lower Upper
43 100
57 3.3 6.3 9.5#
72 27.2 21.0 31.4





#31
2,2-Dichloropropane
Concen: 2.740 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

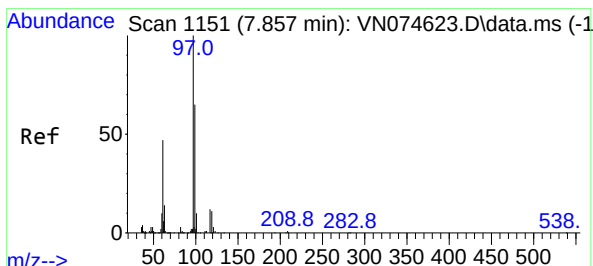
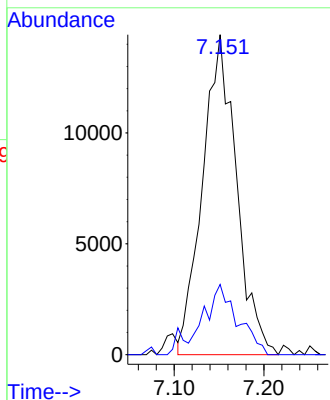
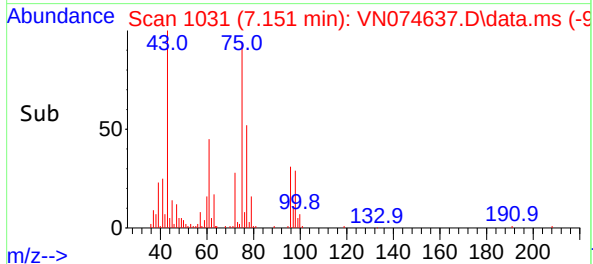
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 77 Resp: 3785
Ion Ratio Lower Upper
77 100
97 16.7 18.4 27.6

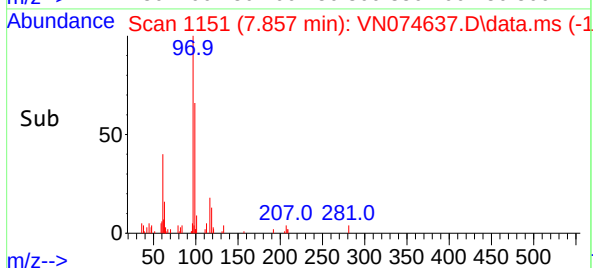
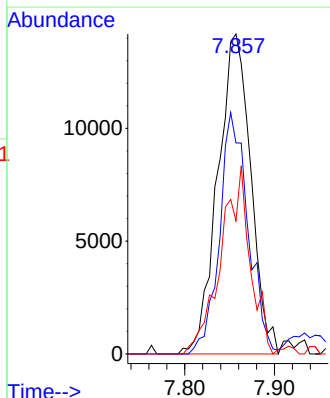
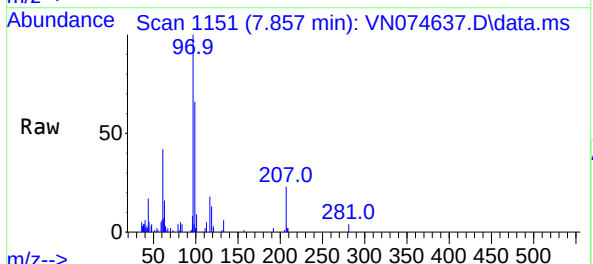
Manual Integrations
APPROVED

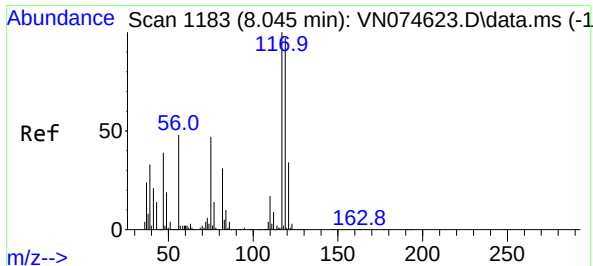
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#32
1,1,1-Trichloroethane
Concen: 2.651 ug/l
RT: 7.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

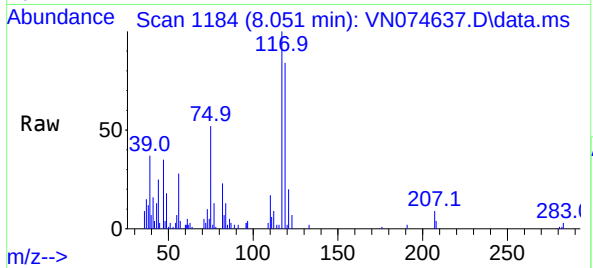
Tgt Ion: 97 Resp: 36247
Ion Ratio Lower Upper
97 100
99 0.0 50.0 75.0#
61 18.3 36.1 54.1#





#33
Carbon Tetrachloride
Concen: 2.719 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

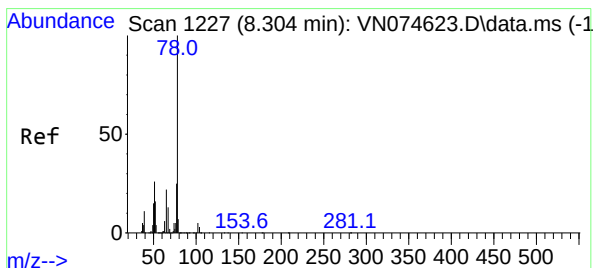
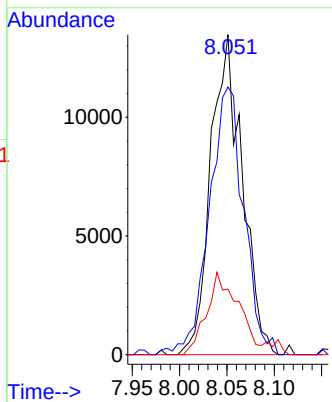
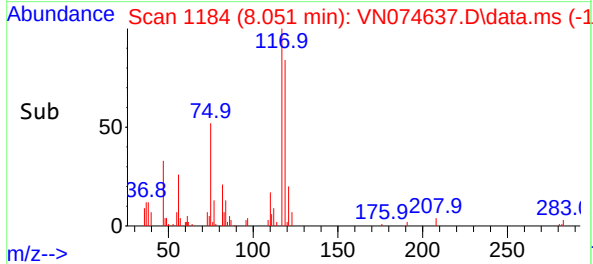
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



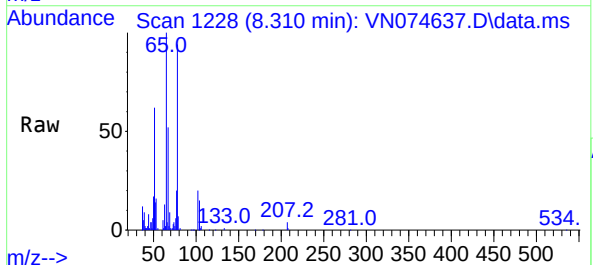
Tgt Ion:117 Resp: 31092
Ion Ratio Lower Upper
117 100
119 83.7 77.8 116.6
121 20.5 27.6 41.4

Manual Integrations
APPROVED

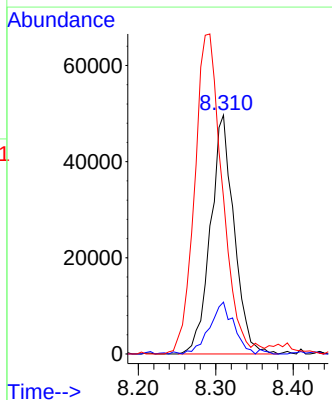
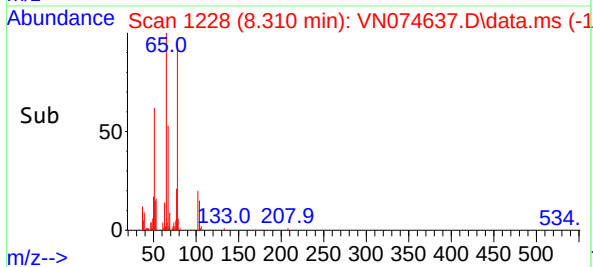
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

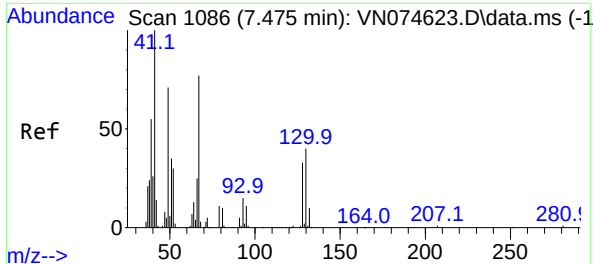


#34
Benzene
Concen: 2.737 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



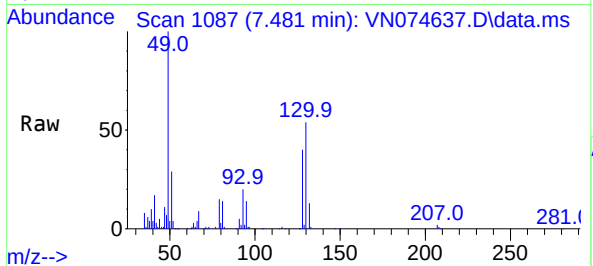
Tgt Ion: 78 Resp: 104847
Ion Ratio Lower Upper
78 100
77 21.7 19.9 29.9
51 61.5 21.1 31.7





#35
Methacrylonitrile
Concen: 3.039 ug/l m
RT: 7.481 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

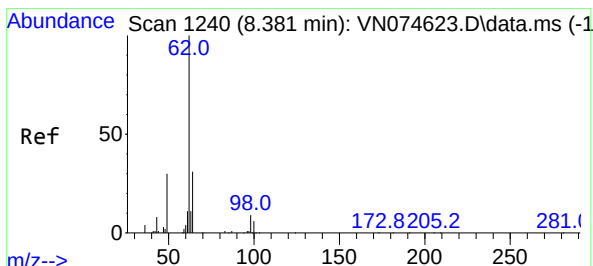
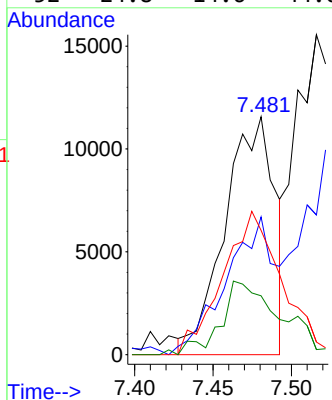
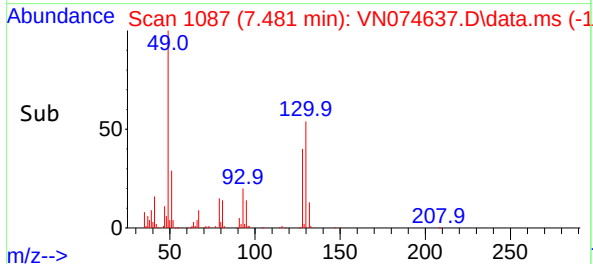
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



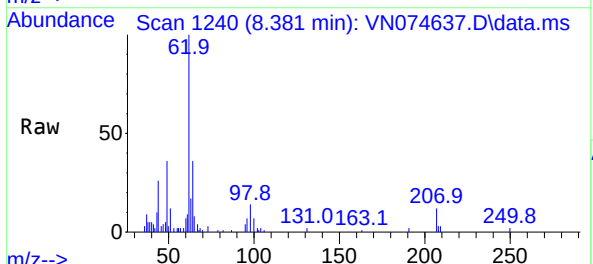
Tgt Ion: 41 Resp: 25520
Ion Ratio Lower Upper
41 100
39 57.9 27.7 83.1
67 52.3 38.0 113.9
52 24.8 14.6 44.0

Manual Integrations
APPROVED

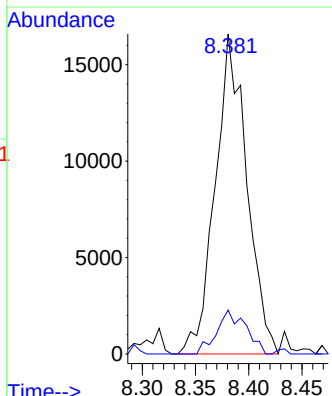
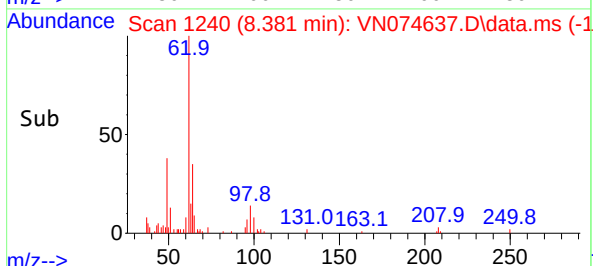
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

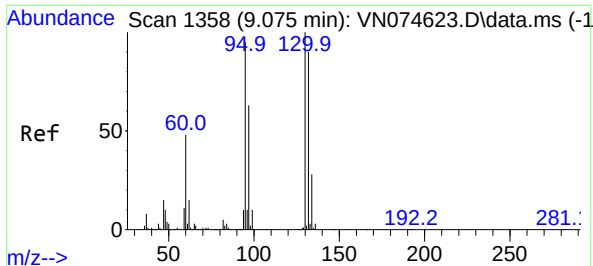


#36
1,2-Dichloroethane
Concen: 2.732 ug/l
RT: 8.381 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



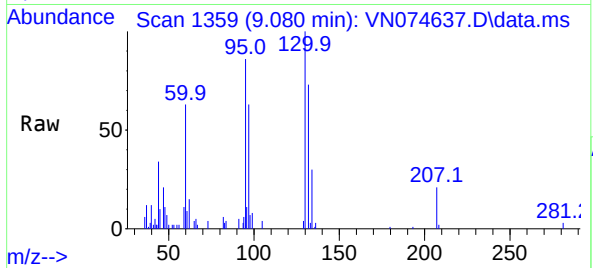
Tgt Ion: 62 Resp: 34184
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.2





#37
Trichloroethene
Concen: 2.624 ug/l
RT: 9.080 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

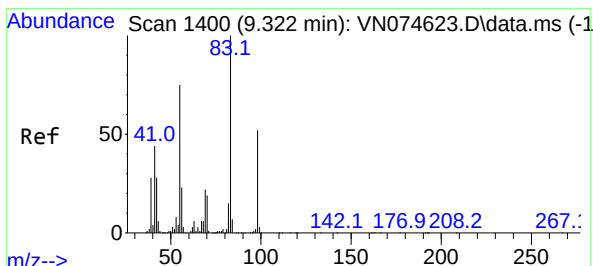
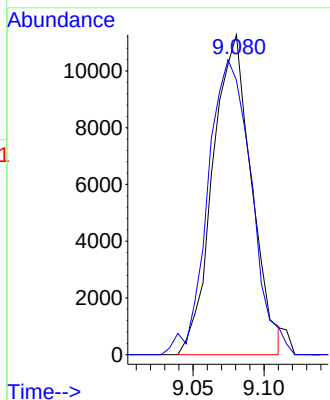
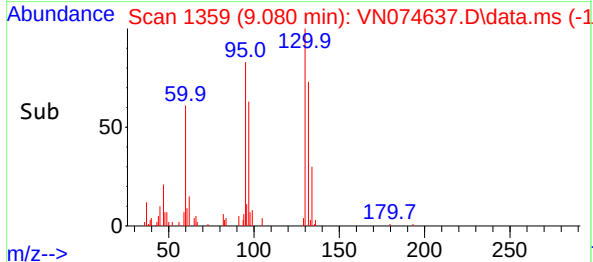
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



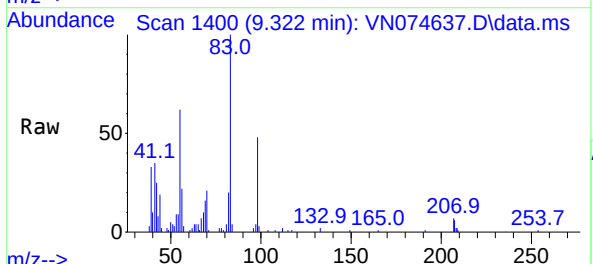
Tgt Ion:130 Resp: 2135
Ion Ratio Lower Upper
130 100
95 79.2 75.9 113.9

Manual Integrations
APPROVED

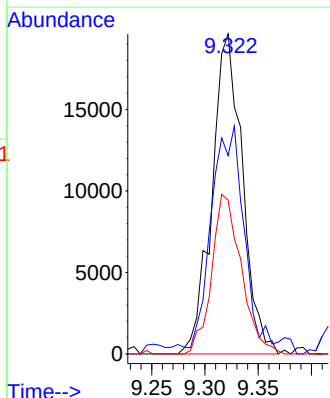
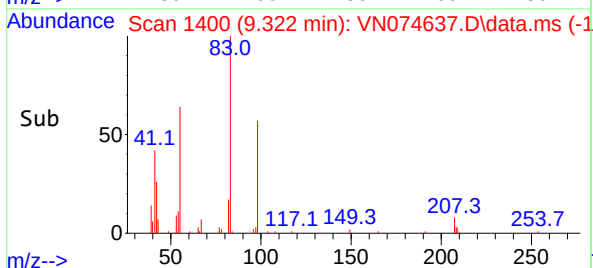
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

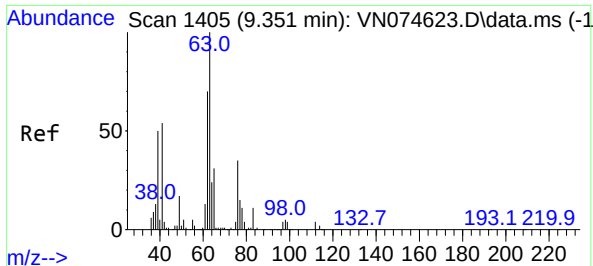


#38
Methylcyclohexane
Concen: 2.611 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



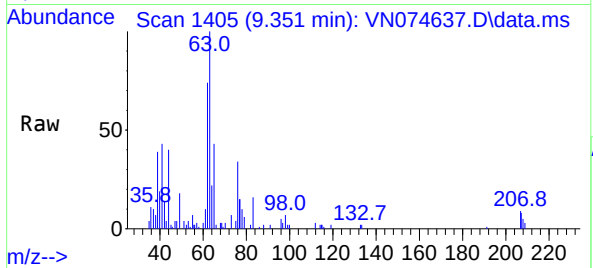
Tgt Ion: 83 Resp: 39107
Ion Ratio Lower Upper
83 100
55 75.2 37.4 112.2
98 48.4 24.5 73.5





#39
1,2-Dichloropropane
Concen: 2.818 ug/l
RT: 9.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

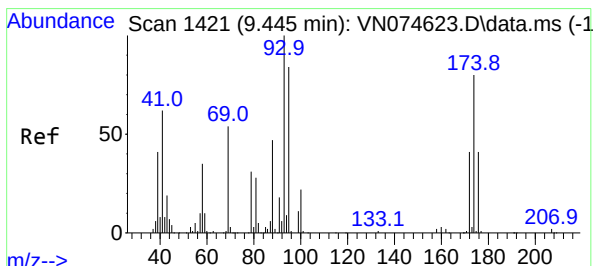
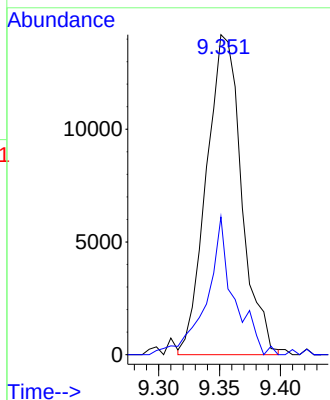
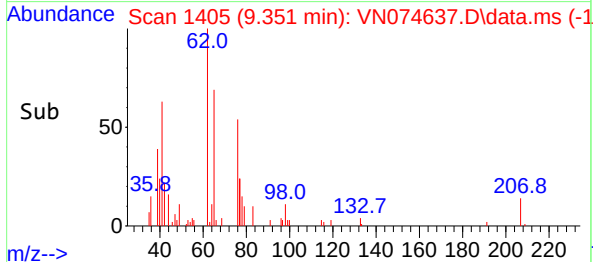
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



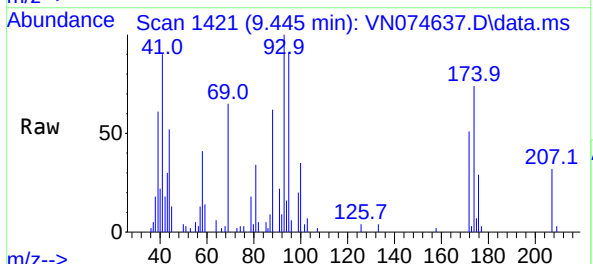
Tgt Ion: 63 Resp: 28584
Ion Ratio Lower Upper
63 100
65 44.4 25.0 37.6

Manual Integrations
APPROVED

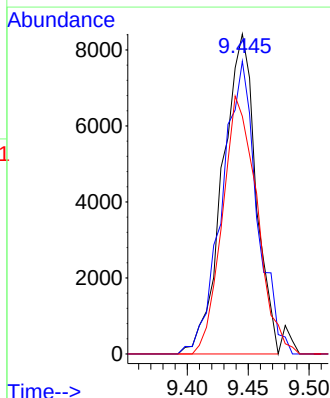
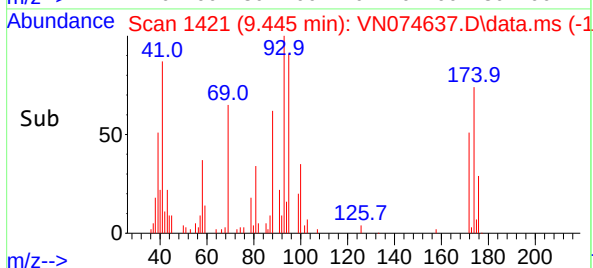
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

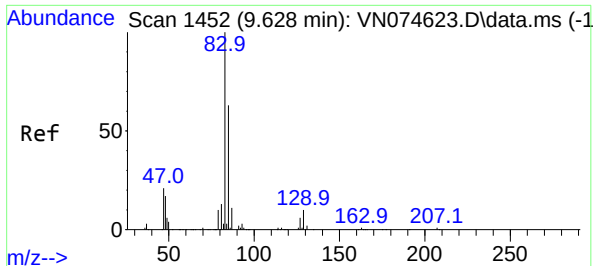


#40
Dibromomethane
Concen: 2.452 ug/l
RT: 9.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



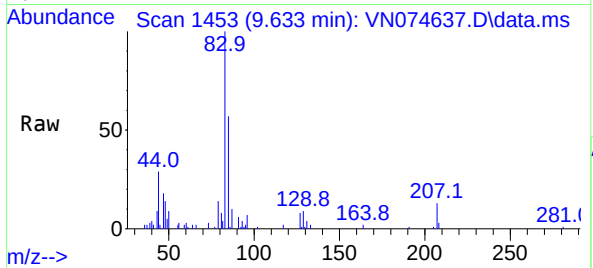
Tgt Ion: 93 Resp: 16048
Ion Ratio Lower Upper
93 100
95 96.4 0.0 168.0
174 83.7 0.0 158.4





#41
Bromodichloromethane
Concen: 2.706 ug/l
RT: 9.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

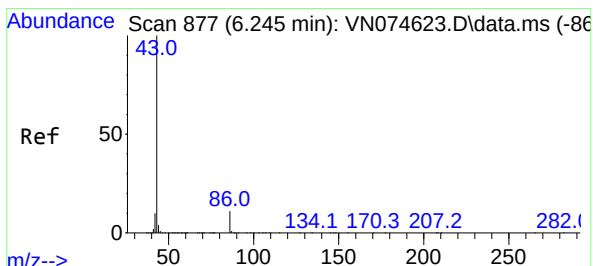
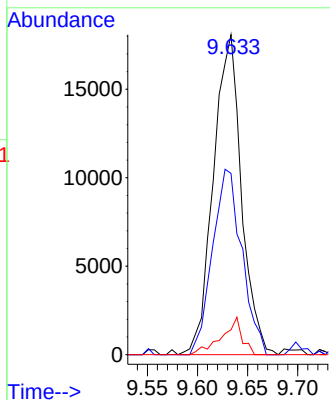
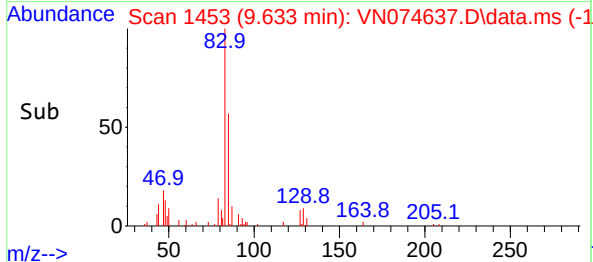
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



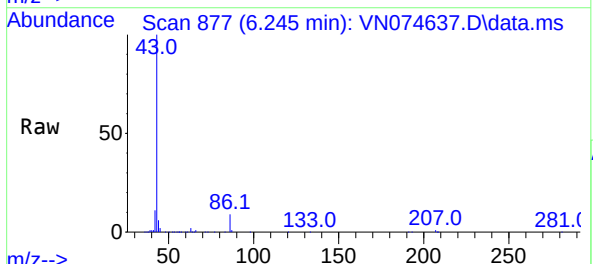
Tgt Ion: 83 Resp: 35212
Ion Ratio Lower Upper
83 100
85 56.7 50.2 75.4
127 7.7 5.1 7.7

Manual Integrations
APPROVED

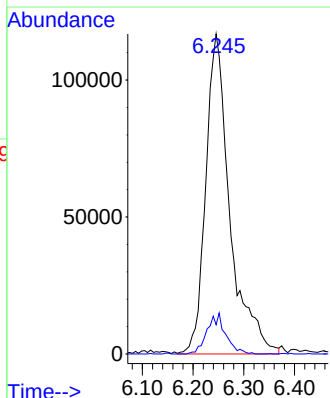
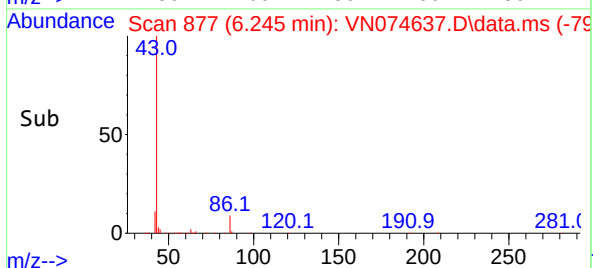
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

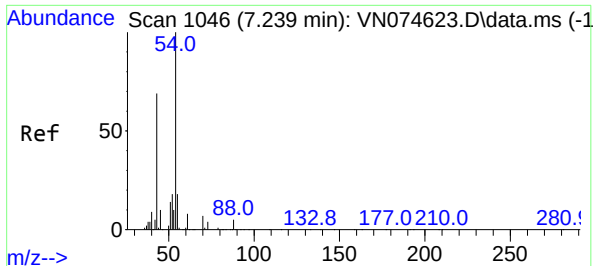


#42
Vinyl Acetate
Concen: 13.487 ug/l m
RT: 6.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



Tgt Ion: 43 Resp: 387102
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3





#43

Ethyl Acetate

Concen: 2.917 ug/l m

RT: 7.251 min Scan# 1048

Delta R.T. 0.012 min

Lab File: VN074637.D

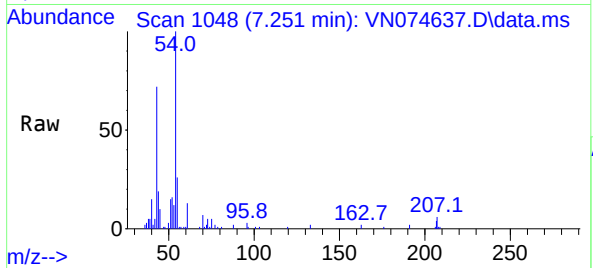
Acq: 27 Sep 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 43 Resp: 49880

Ion Ratio Lower Upper

43 100

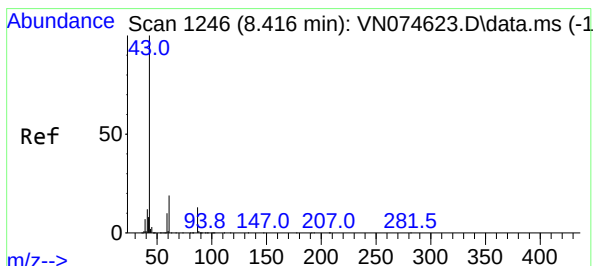
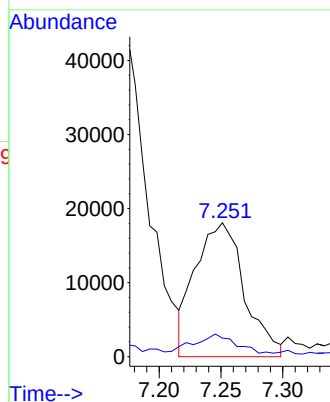
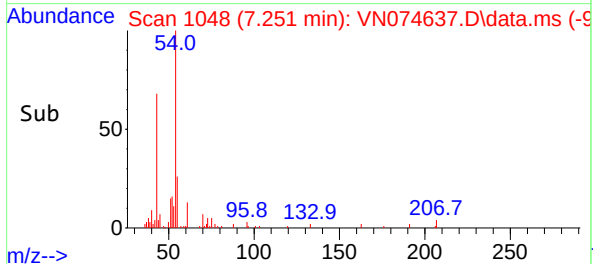
45 0.6 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#44

Isopropyl Acetate

Concen: 2.751 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VN074637.D

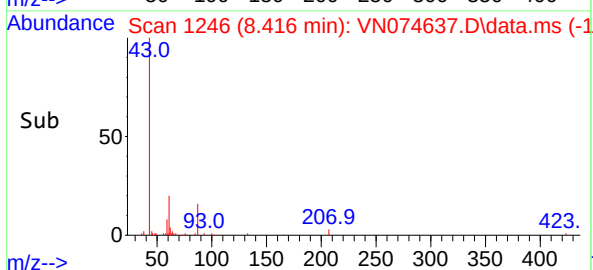
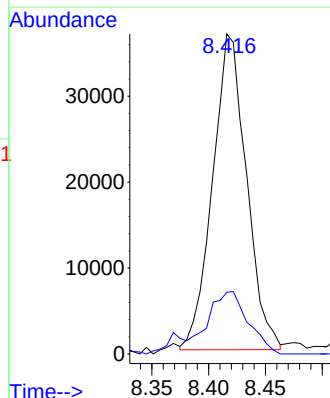
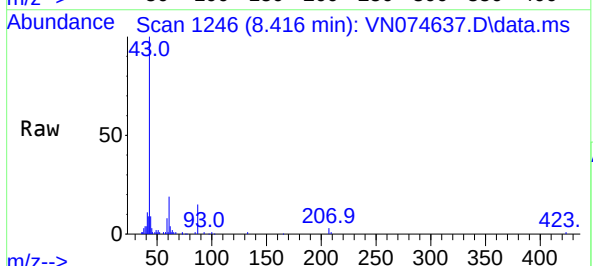
Acq: 27 Sep 2022 19:17

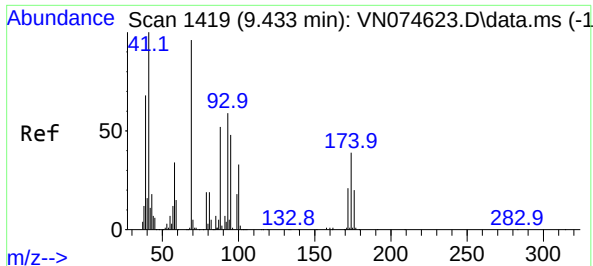
Tgt Ion: 43 Resp: 76395

Ion Ratio Lower Upper

43 100

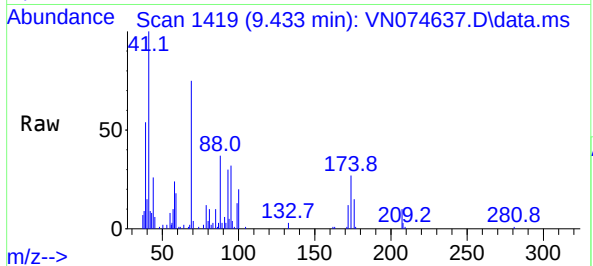
61 23.3 19.5 29.3





#45
1,4-Dioxane
Concen: 58.427 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

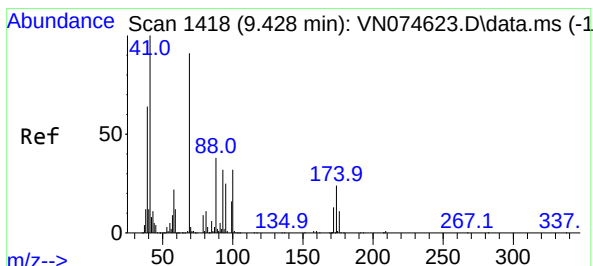
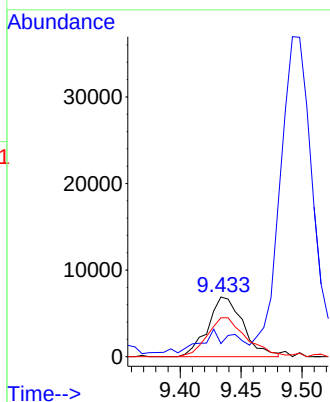
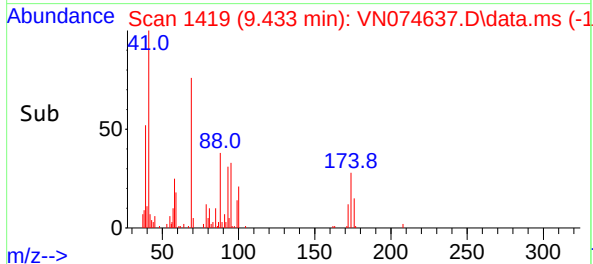
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



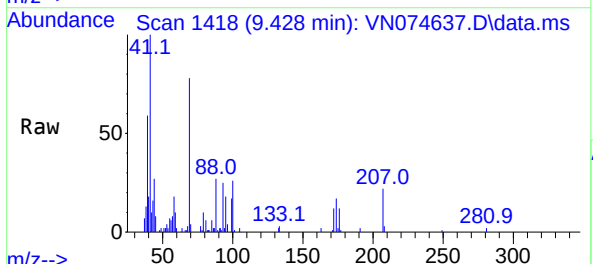
Tgt Ion: 88 Resp: 13840
Ion Ratio Lower Upper
88 100
43 8.3 25.7 38.5
58 72.1 53.4 80.2

Manual Integrations
APPROVED

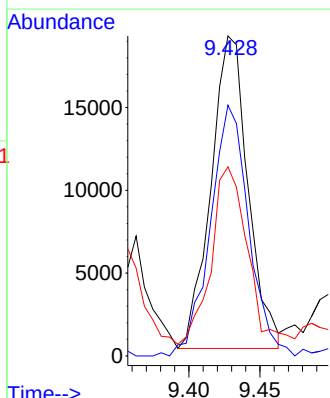
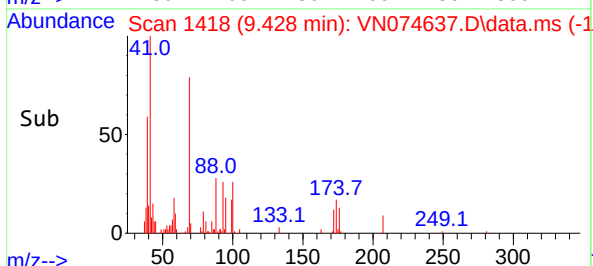
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

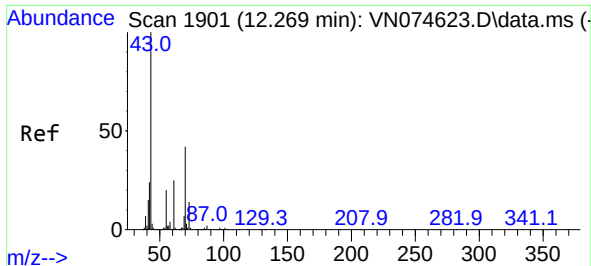


#46
Methyl methacrylate
Concen: 2.963 ug/l
RT: 9.428 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



Tgt Ion: 41 Resp: 34273
Ion Ratio Lower Upper
41 100
69 76.7 45.6 136.7
39 56.8 32.3 96.9





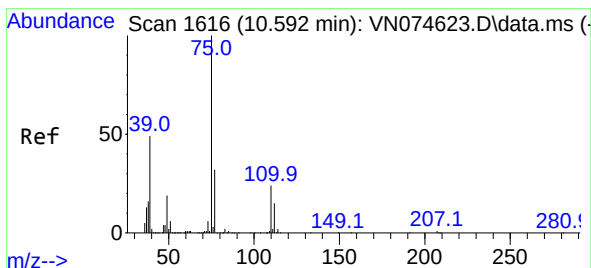
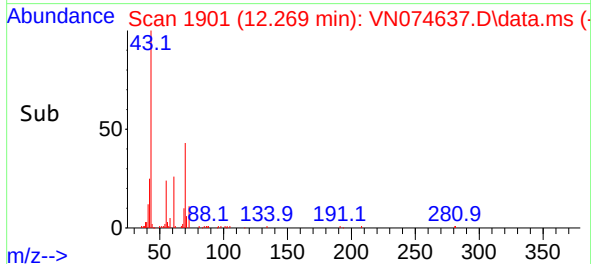
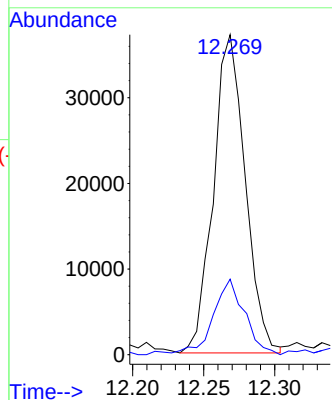
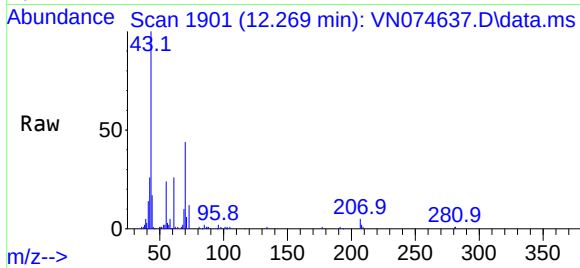
#47
n-amy1 Acetate
Concen: 2.281 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 43 Resp: 5798
Ion Ratio Lower Upper
43 100
55 23.3 16.8 25.2

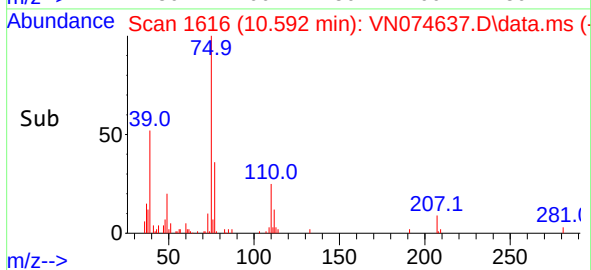
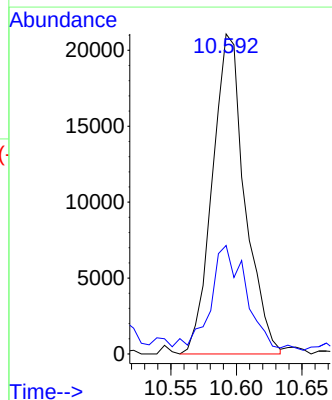
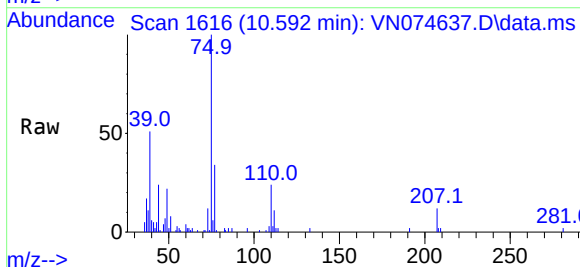
Manual Integrations
APPROVED

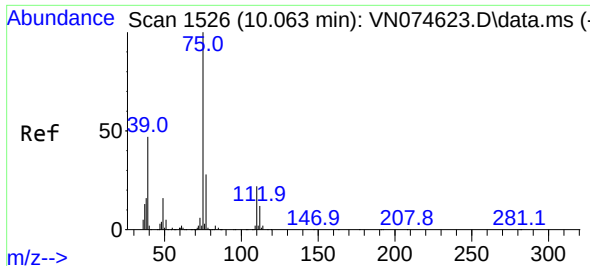
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#48
t-1,3-Dichloropropene
Concen: 2.302 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

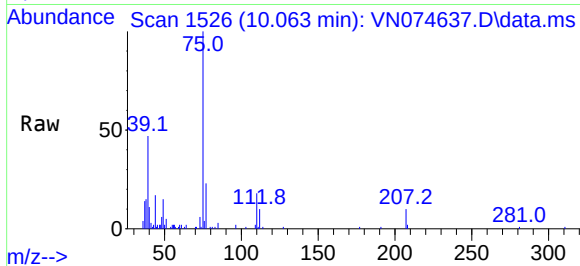
Tgt Ion: 75 Resp: 36362
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 2.497 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

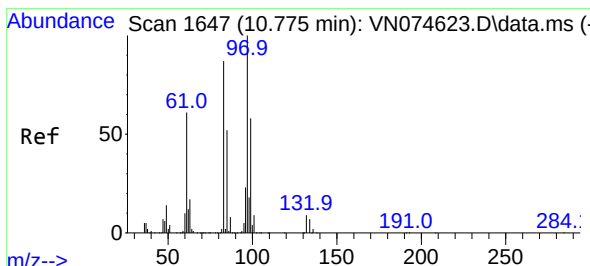
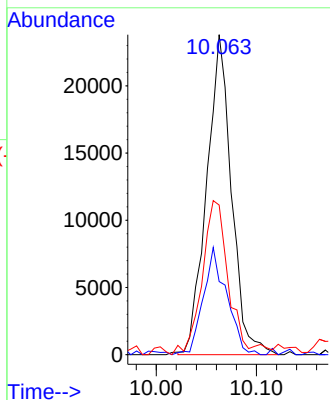
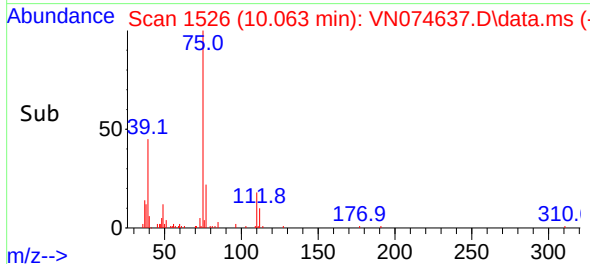
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 75 Resp: 41040
Ion Ratio Lower Upper
75 100
77 22.8 22.5 33.7
39 43.8 37.6 56.4

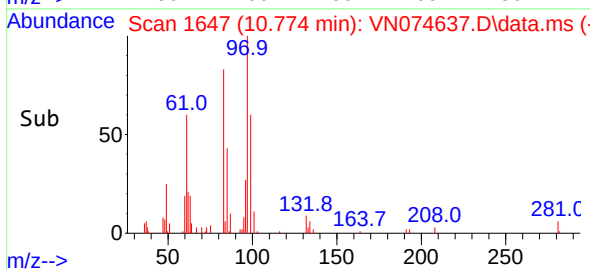
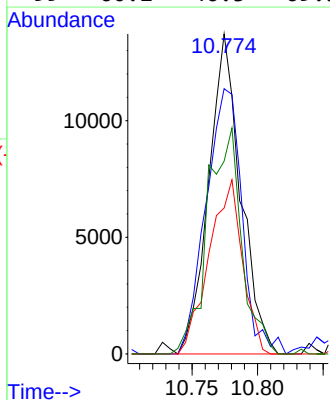
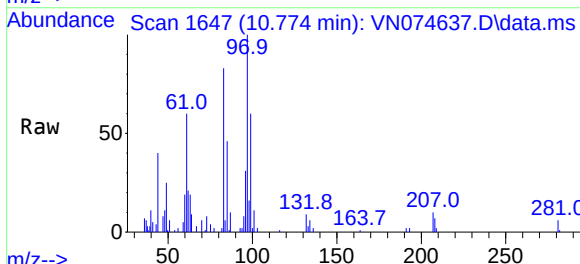
Manual Integrations
APPROVED

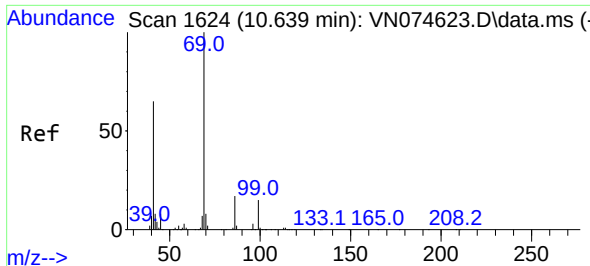
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#50
1,1,2-Trichloroethane
Concen: 2.448 ug/l
RT: 10.774 min Scan# 1647
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

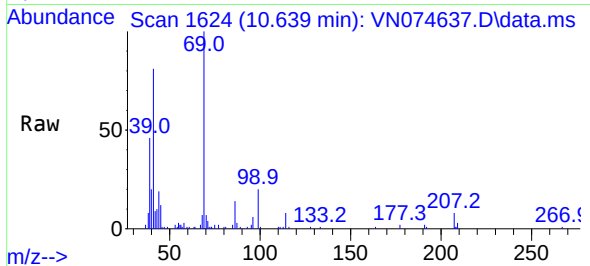
Tgt Ion: 97 Resp: 23292
Ion Ratio Lower Upper
97 100
83 82.9 69.2 103.8
85 45.6 41.4 62.2
99 60.2 46.3 69.5





#51
Ethyl methacrylate
Concen: 2.366 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

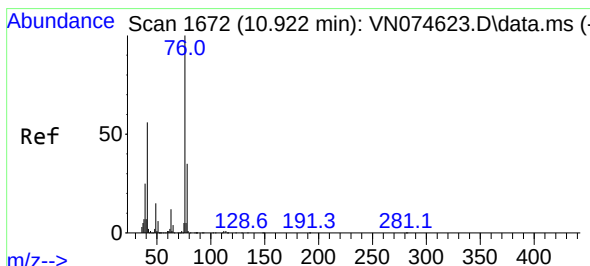
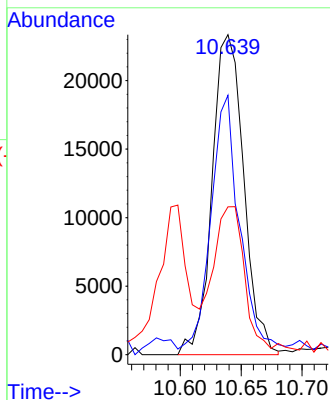
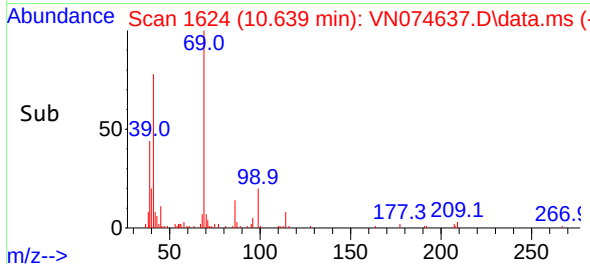
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



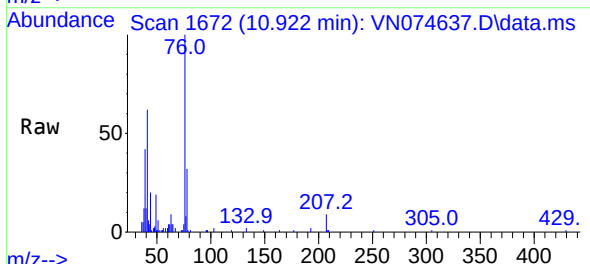
Tgt Ion: 69 Resp: 42218
Ion Ratio Lower Upper
69 100
41 79.3 32.5 97.5
39 42.7 21.5 64.5

Manual Integrations
APPROVED

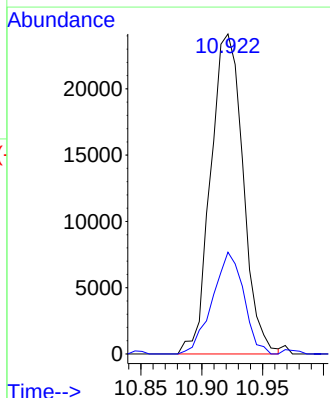
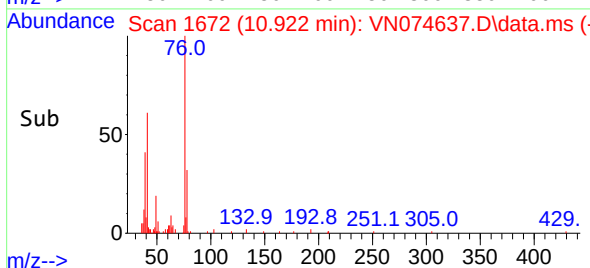
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

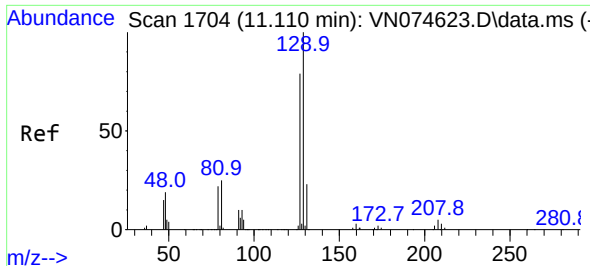


#52
1,3-Dichloropropane
Concen: 2.649 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



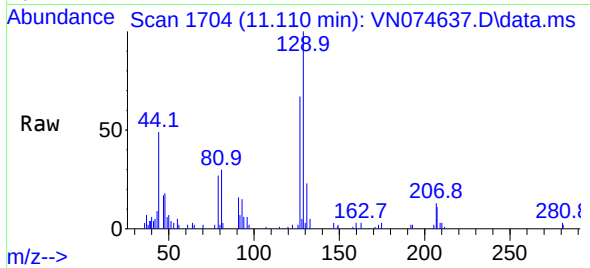
Tgt Ion: 76 Resp: 44678
Ion Ratio Lower Upper
76 100
78 30.7 0.0 63.8





#53
Dibromochloromethane
Concen: 2.291 ug/l
RT: 11.110 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

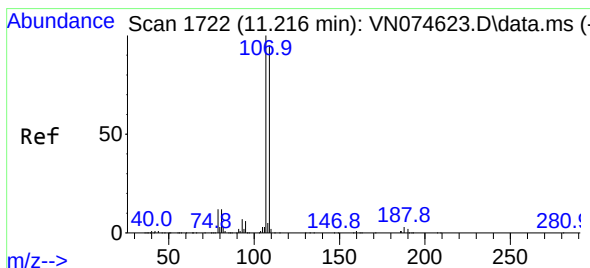
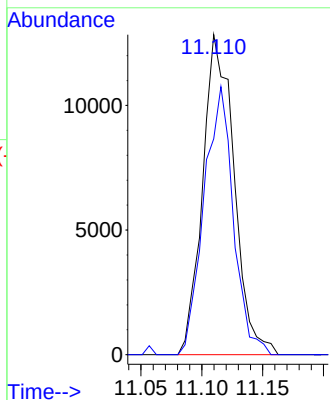
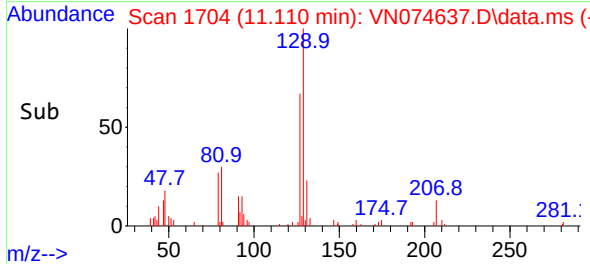
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



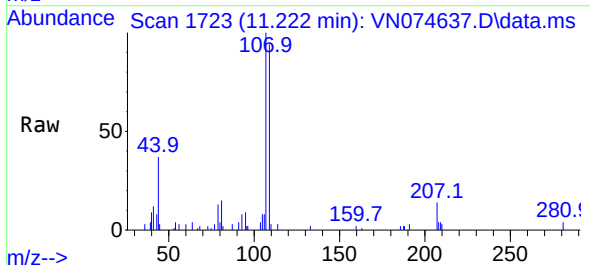
Tgt Ion:129 Resp: 2303
Ion Ratio Lower Upper
129 100
127 77.7 40.6 121.7

Manual Integrations
APPROVED

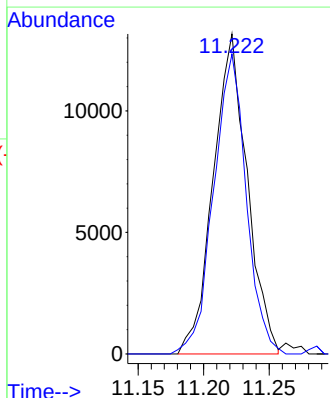
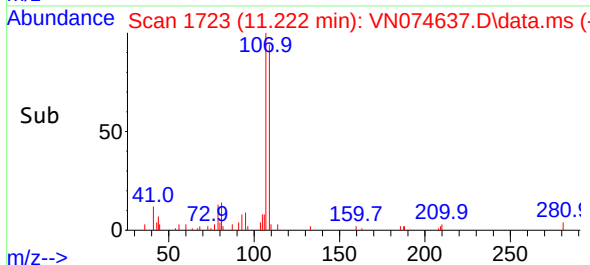
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

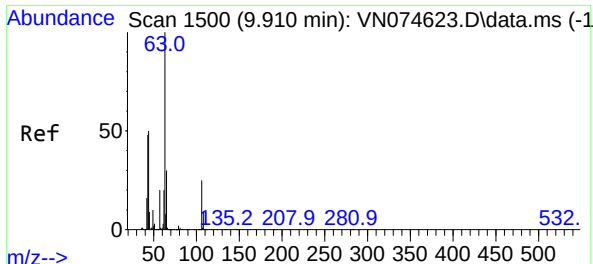


#54
1,2-Dibromoethane
Concen: 2.409 ug/l
RT: 11.222 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



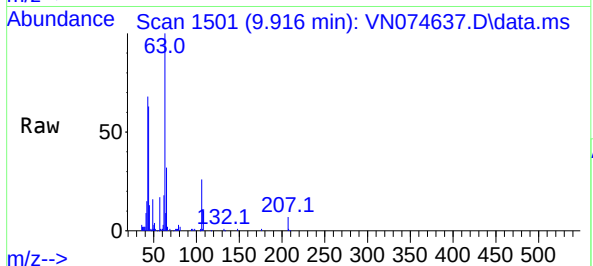
Tgt Ion:107 Resp: 23710
Ion Ratio Lower Upper
107 100
109 89.8 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 12.146 ug/l
RT: 9.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

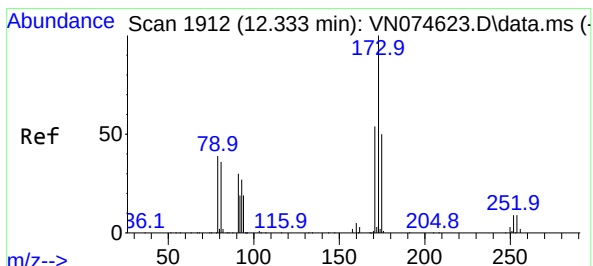
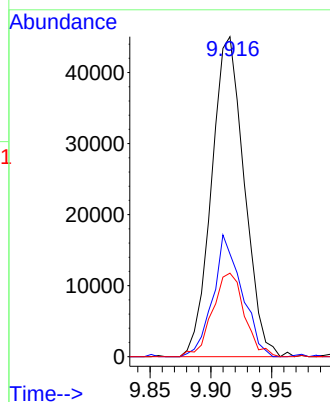
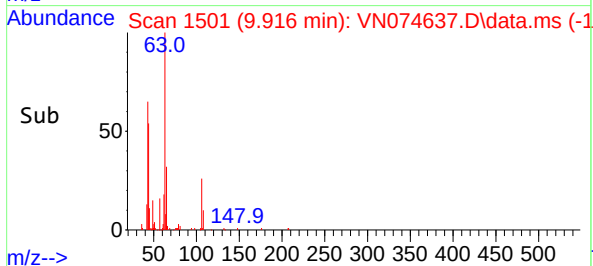
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



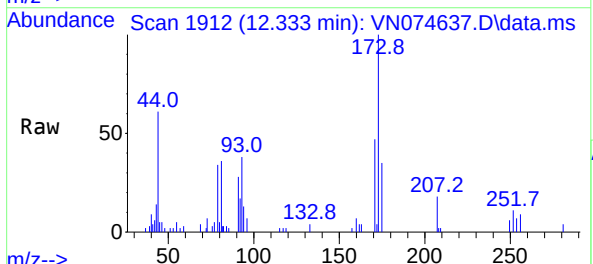
Tgt Ion: 63 Resp: 84099
Ion Ratio Lower Upper
63 100
65 33.6 24.6 36.8
106 25.6 21.3 31.9

Manual Integrations
APPROVED

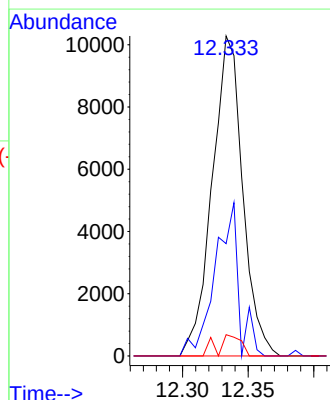
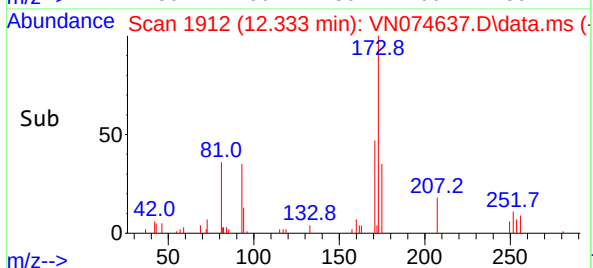
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

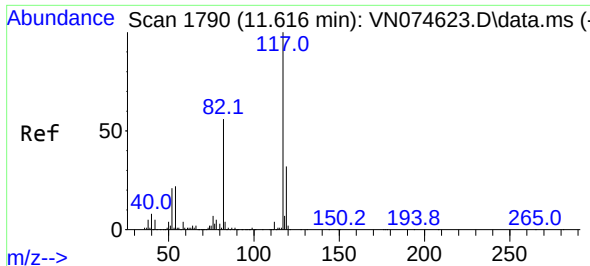


#56
Bromoform
Concen: 2.116 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



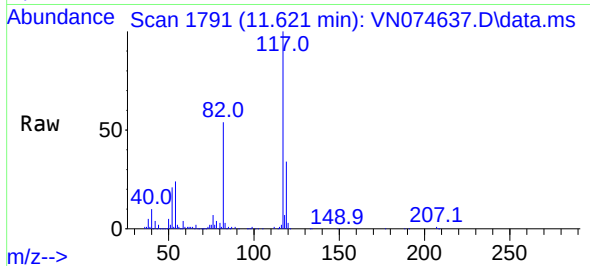
Tgt Ion:173 Resp: 16630
Ion Ratio Lower Upper
173 100
175 33.8 39.1 58.7#
254 3.8 7.0 10.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

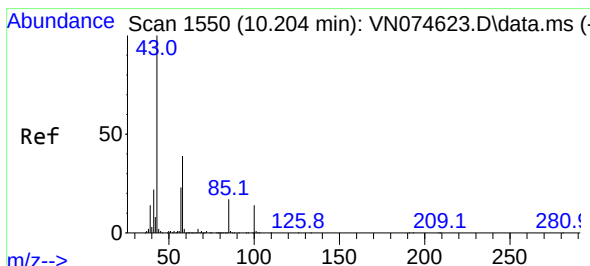
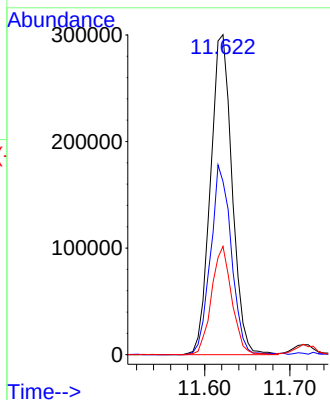
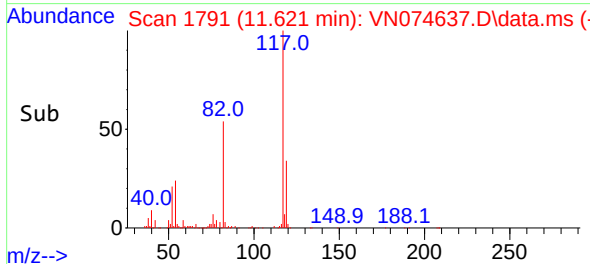
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



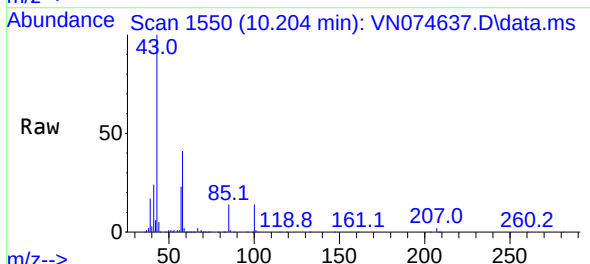
Tgt Ion: 117 Resp: 53047
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 31.7 25.6 38.4

Manual Integrations
APPROVED

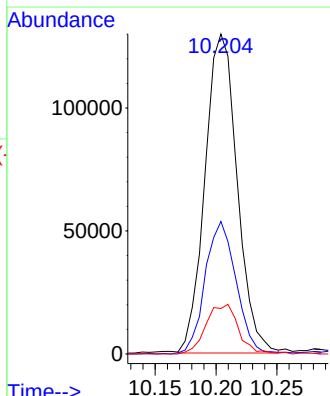
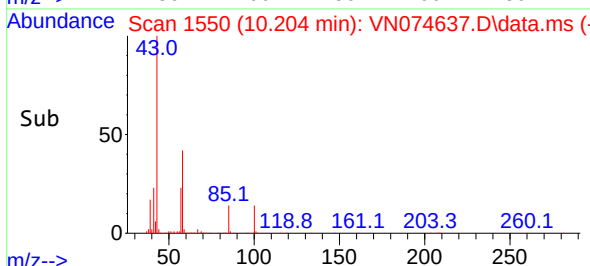
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

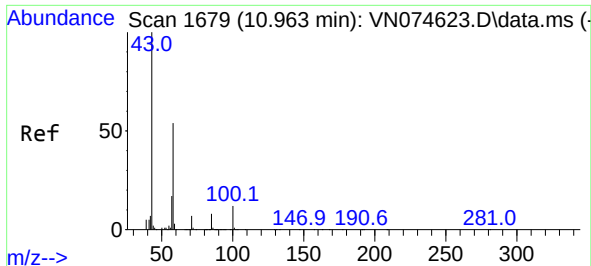


#58
4-Methyl-2-Pentanone
Concen: 14.530 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



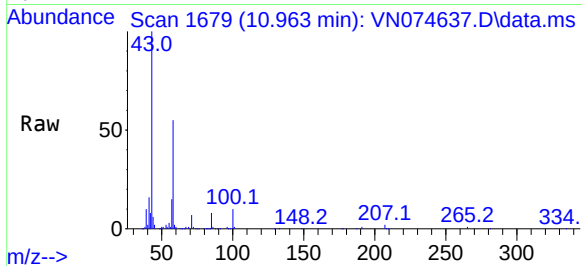
Tgt Ion: 43 Resp: 239199
Ion Ratio Lower Upper
43 100
58 40.0 30.8 46.2
85 15.6 13.3 19.9





#59
2-Hexanone
Concen: 13.871 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

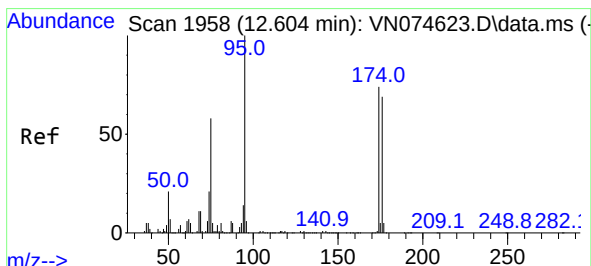
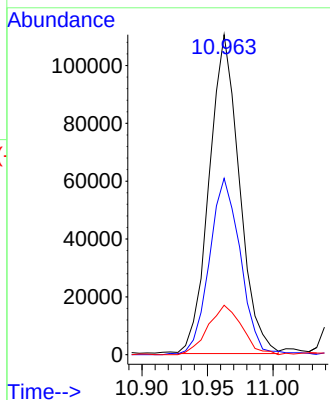
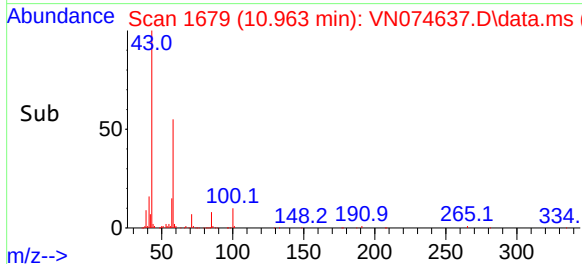
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



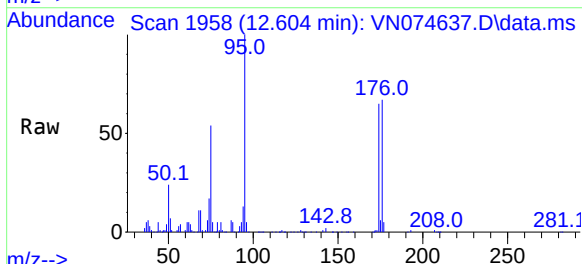
Tgt Ion: 43 Resp: 176850
Ion Ratio Lower Upper
43 100
58 56.4 43.6 65.4
57 17.4 14.3 21.5

Manual Integrations
APPROVED

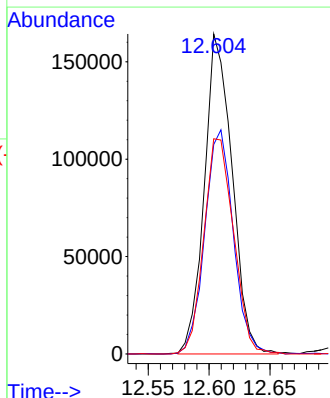
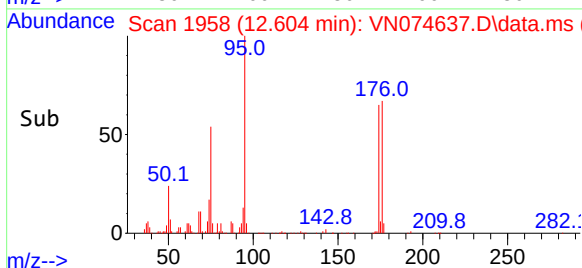
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

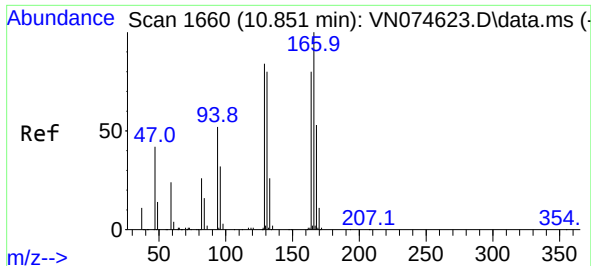


#60
4-Bromofluorobenzene
Concen: 25.287 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



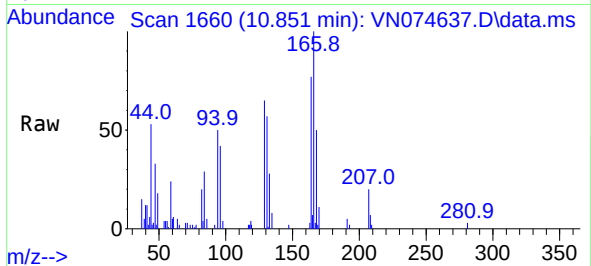
Tgt Ion: 95 Resp: 260564
Ion Ratio Lower Upper
95 100
174 71.9 57.8 86.8
176 72.2 57.0 85.4





#61
Tetrachloroethene
Concen: 2.815 ug/l
RT: 10.851 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

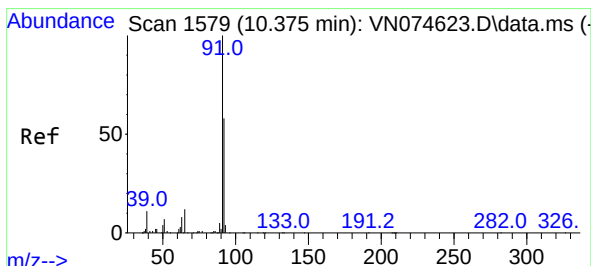
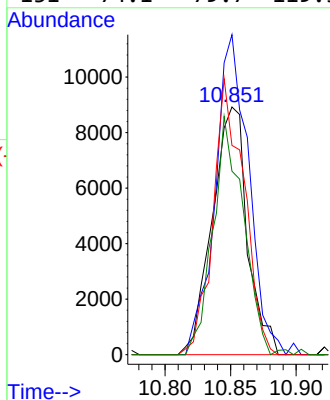
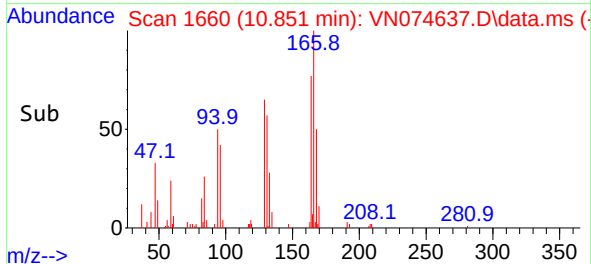
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



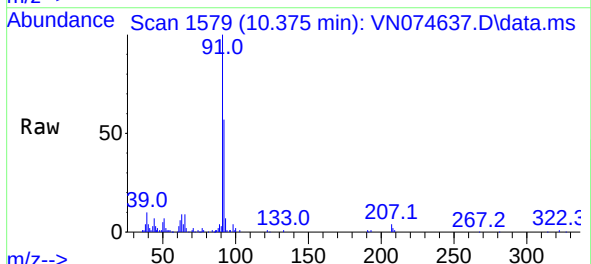
Tgt Ion:164 Resp: 16658
Ion Ratio Lower Upper
164 100
166 129.2 99.6 149.4
129 84.5 84.0 126.0
131 74.1 79.7 119.5#

Manual Integrations
APPROVED

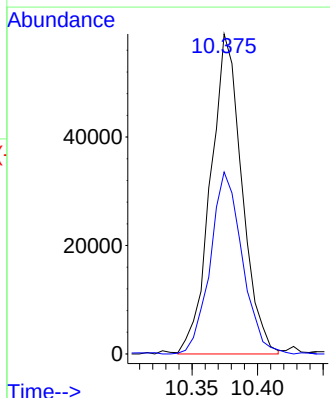
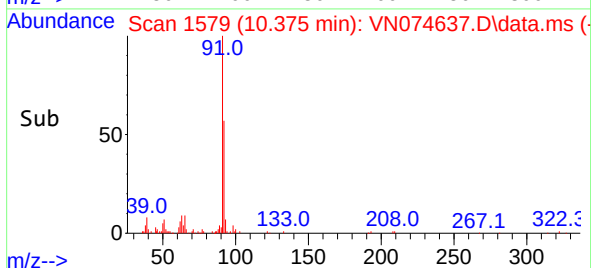
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

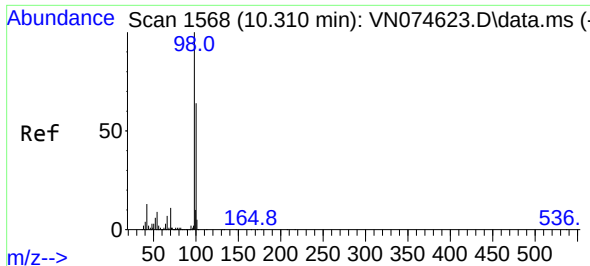


#62
Toluene
Concen: 2.525 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



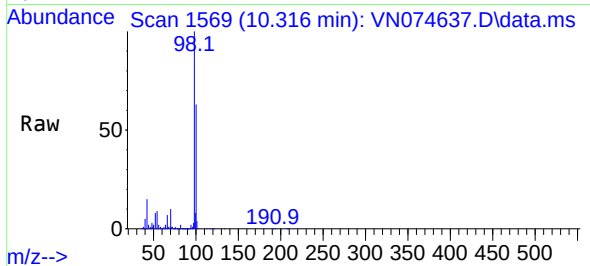
Tgt Ion: 91 Resp: 98079
Ion Ratio Lower Upper
91 100
92 57.9 46.0 69.0





#63
Toluene-d8
Concen: 31.119 ug/l
RT: 10.316 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

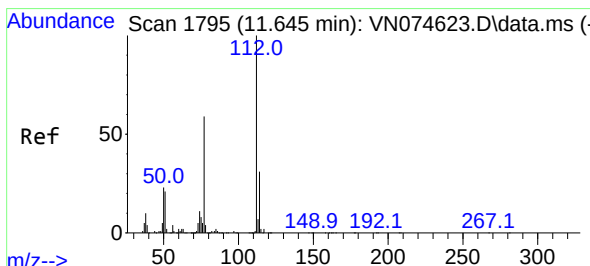
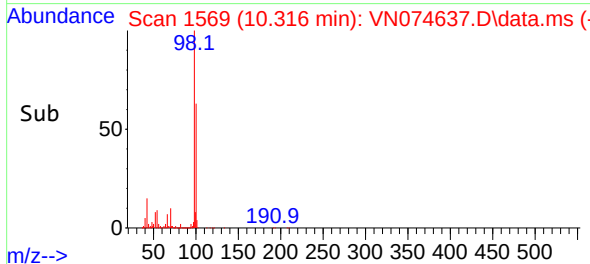
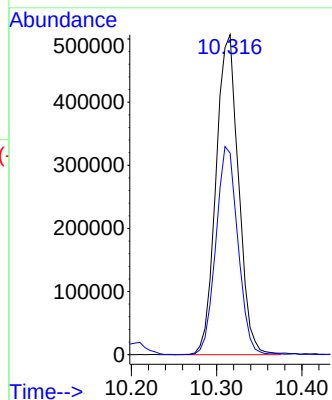
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 98 Resp: 93113
Ion Ratio Lower Upper
98 100
100 63.4 52.7 79.1

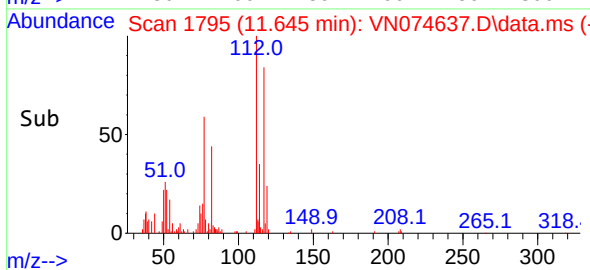
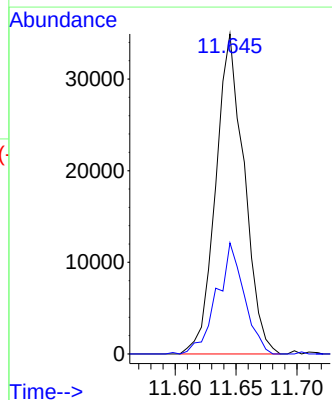
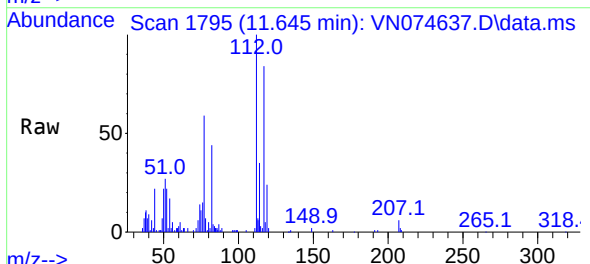
Manual Integrations
APPROVED

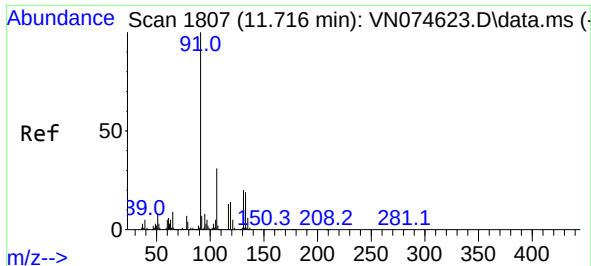
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#64
Chlorobenzene
Concen: 2.554 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Tgt Ion:112 Resp: 56850
Ion Ratio Lower Upper
112 100
114 34.7 24.7 37.1





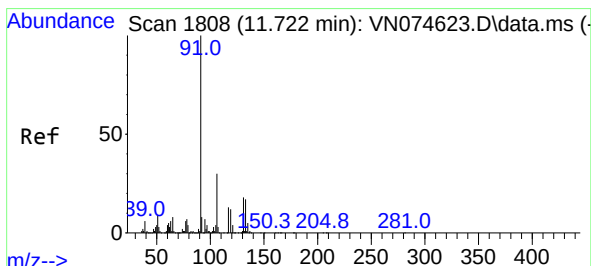
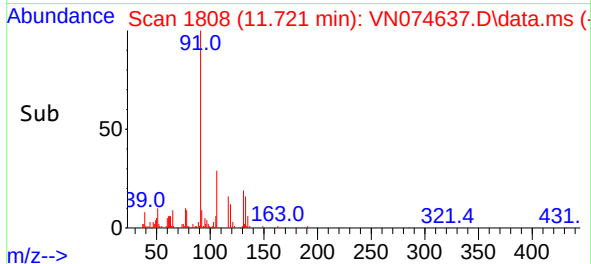
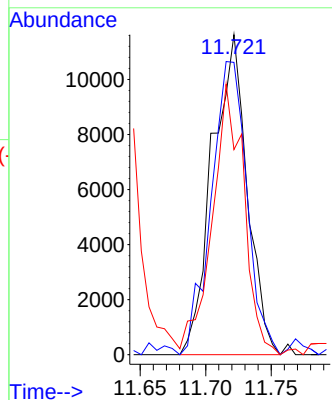
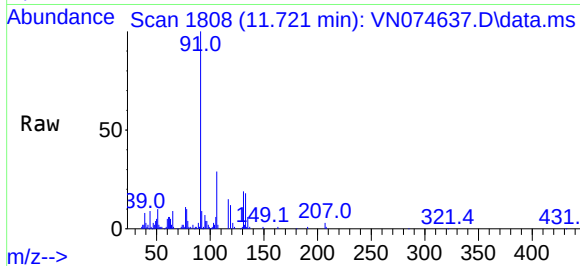
#65
1,1,1,2-Tetrachloroethane
Concen: 2.565 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:131 Resp: 2145
Ion Ratio Lower Upper
131 100
133 93.7 0.0 191.8
119 76.3 0.0 135.8

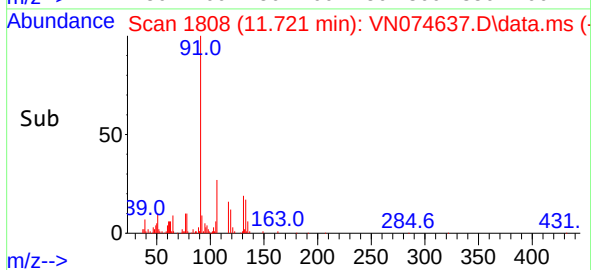
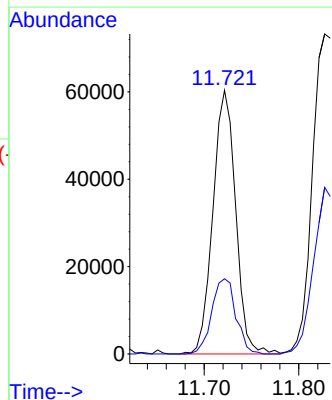
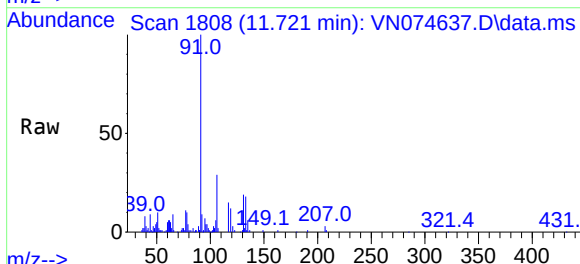
Manual Integrations
APPROVED

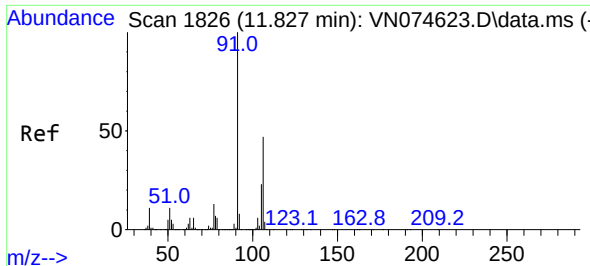
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
Ethyl Benzene
Concen: 2.442 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Tgt Ion: 91 Resp: 100738
Ion Ratio Lower Upper
91 100
106 28.5 24.1 36.1





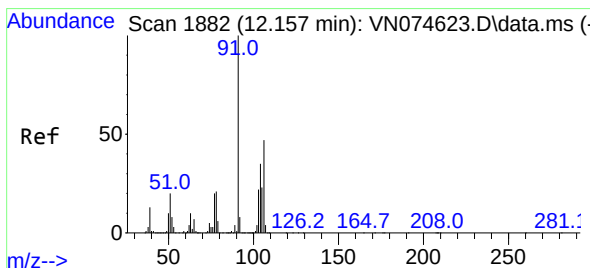
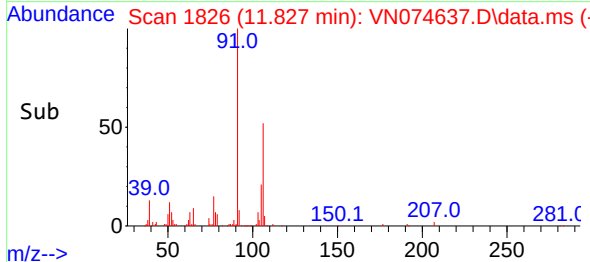
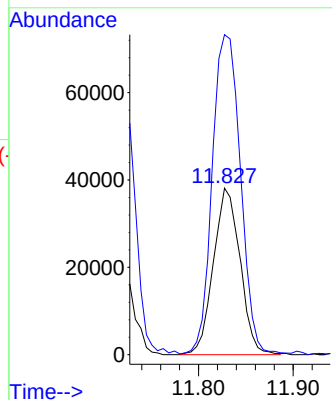
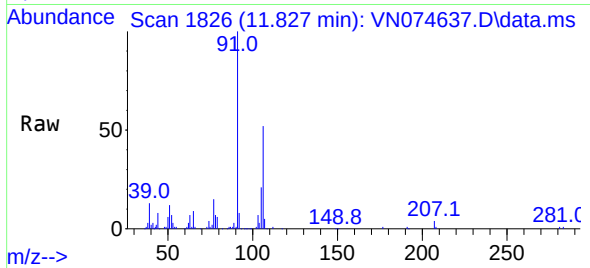
#67
m/p-Xylenes
Concen: 4.510 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:106 Resp: 74690
Ion Ratio Lower Upper
106 100
91 202.6 164.2 246.4

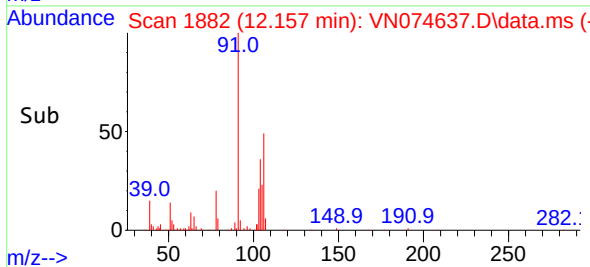
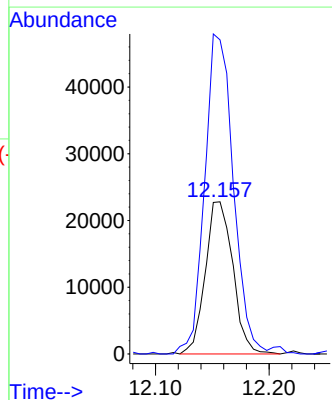
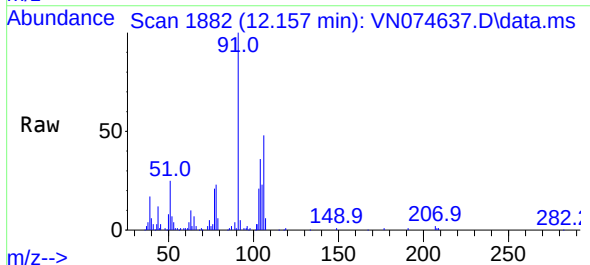
Manual Integrations
APPROVED

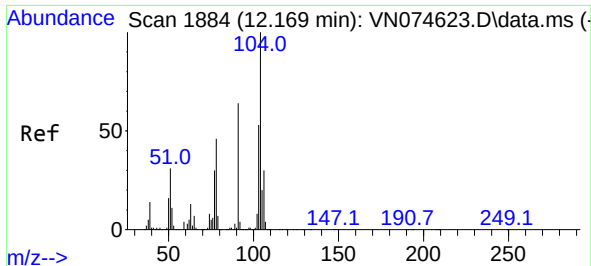
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#68
o-Xylene
Concen: 2.278 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

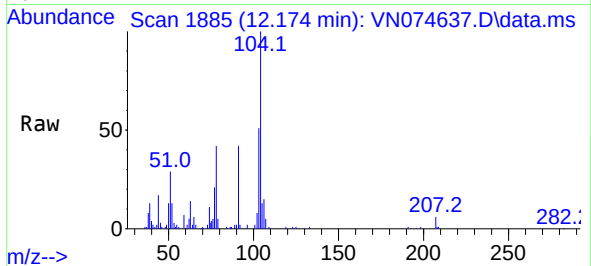
Tgt Ion:106 Resp: 38410
Ion Ratio Lower Upper
106 100
91 218.1 108.5 325.5





#69
Styrene
Concen: 2.099 ug/l
RT: 12.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

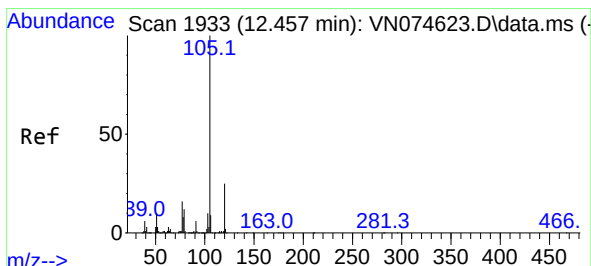
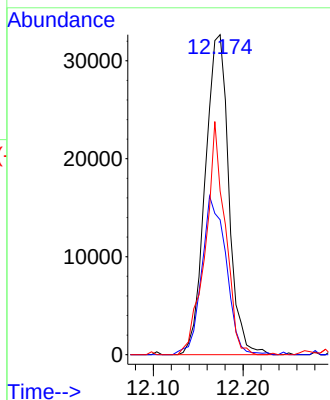
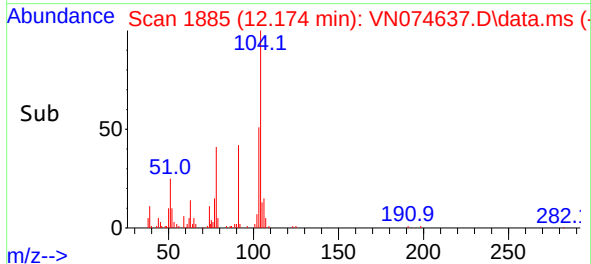
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



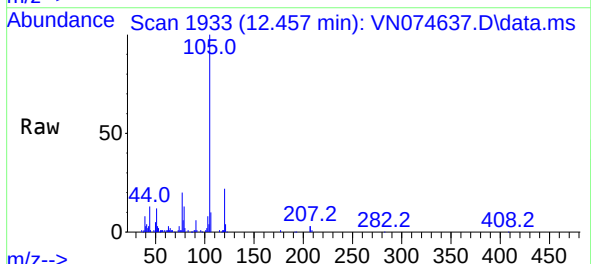
Tgt Ion:104 Resp: 59530
Ion Ratio Lower Upper
104 100
78 51.1 39.9 59.9
103 61.2 43.8 65.8

Manual Integrations
APPROVED

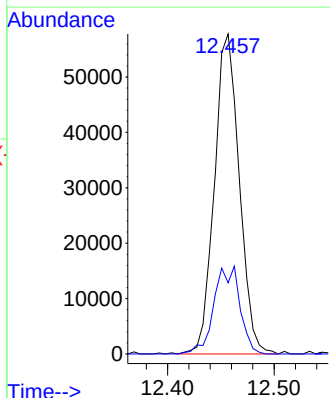
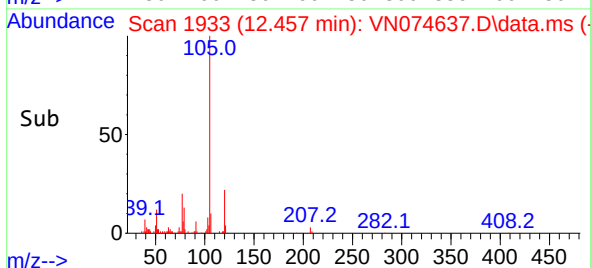
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

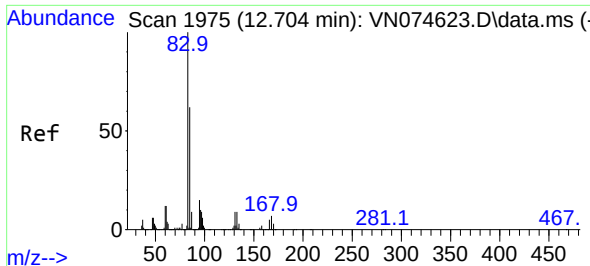


#70
Isopropylbenzene
Concen: 2.176 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



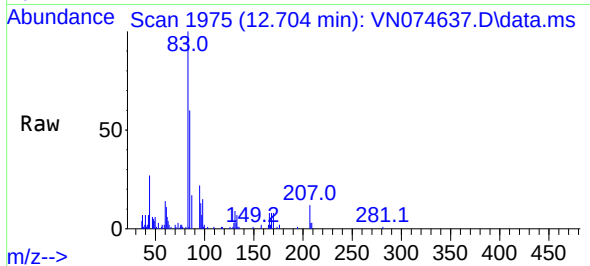
Tgt Ion:105 Resp: 93630
Ion Ratio Lower Upper
105 100
120 28.7 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 2.522 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

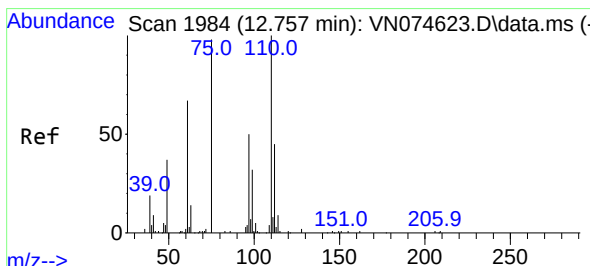
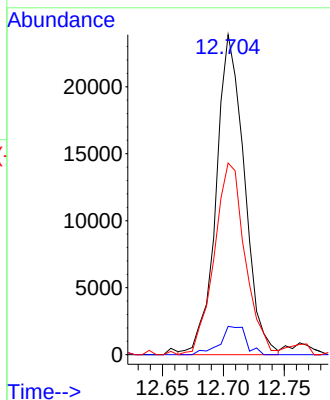
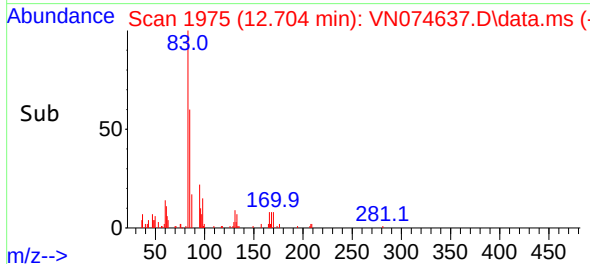
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



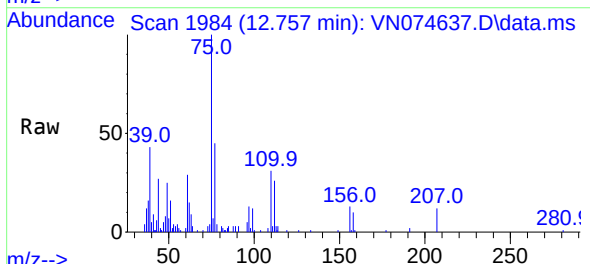
Tgt Ion: 83 Resp: 38500
Ion Ratio Lower Upper
83 100
131 8.1 4.5 13.5
85 65.2 30.9 92.7

Manual Integrations
APPROVED

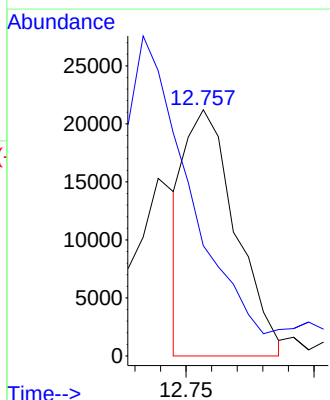
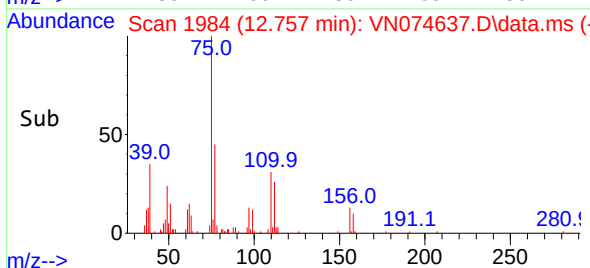
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

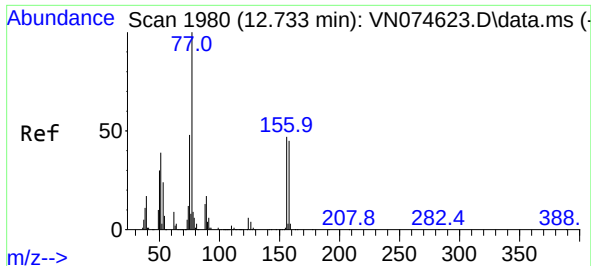


#72
1,2,3-Trichloropropane
Concen: 2.542 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



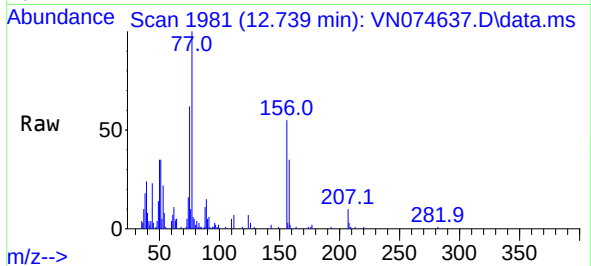
Tgt Ion: 75 Resp: 29391
Ion Ratio Lower Upper
75 100
77 183.2 0.0 372.4





#73
Bromobenzene
Concen: 2.383 ug/l
RT: 12.739 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

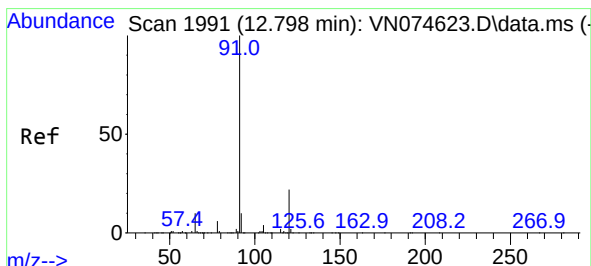
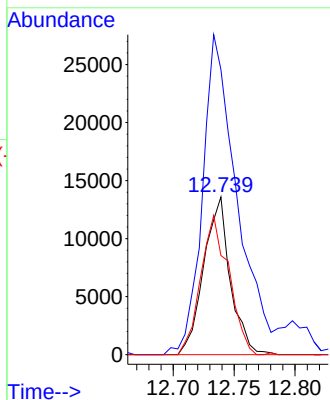
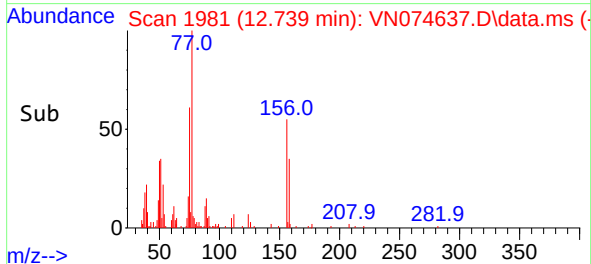
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:156 Resp: 20590
Ion Ratio Lower Upper
156 100
77 261.4 0.0 491.8
158 93.5 0.0 185.0

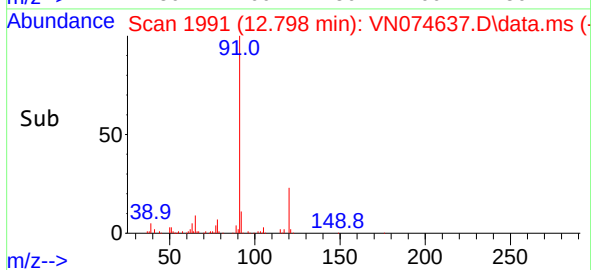
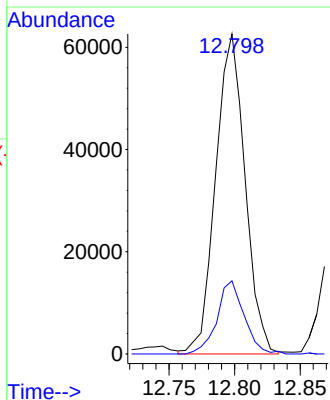
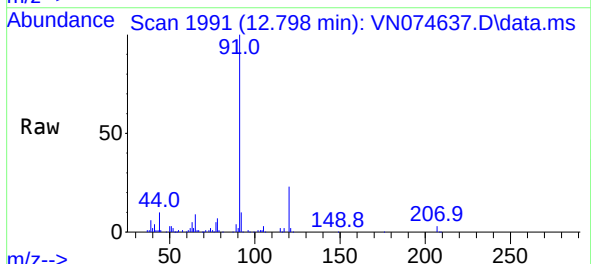
Manual Integrations
APPROVED

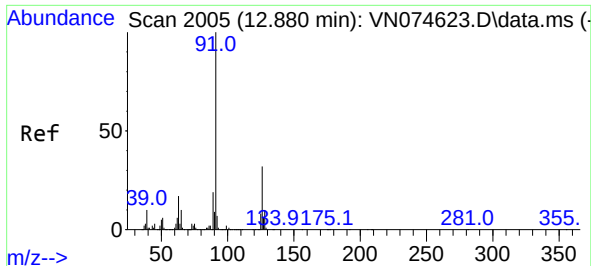
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#74
n-propylbenzene
Concen: 2.013 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Tgt Ion: 91 Resp: 97573
Ion Ratio Lower Upper
91 100
120 21.1 0.0 44.6





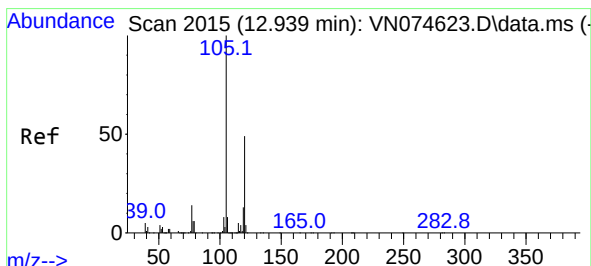
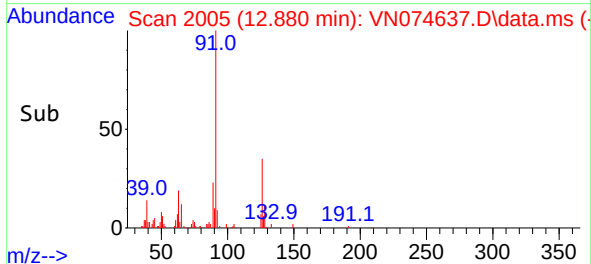
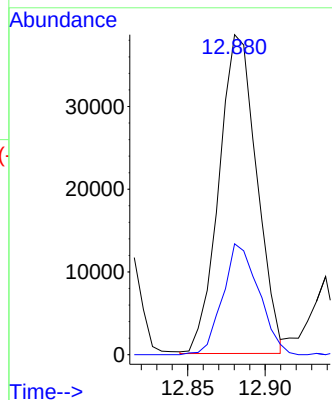
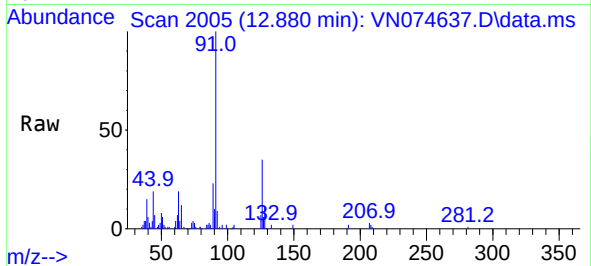
#75
2-Chlorotoluene
Concen: 2.222 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 91 Resp: 65340
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.2

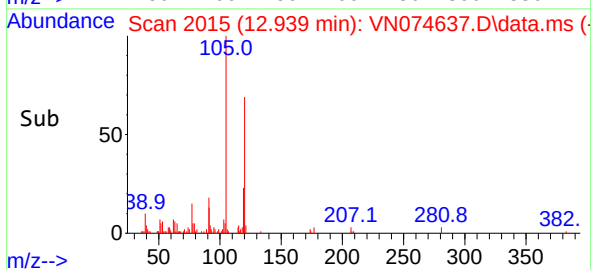
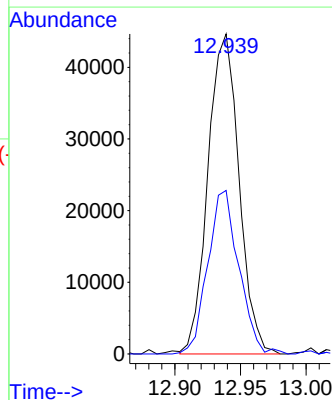
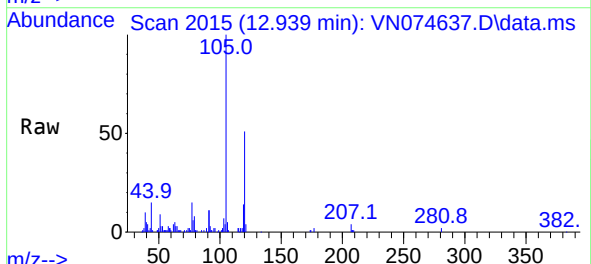
Manual Integrations
APPROVED

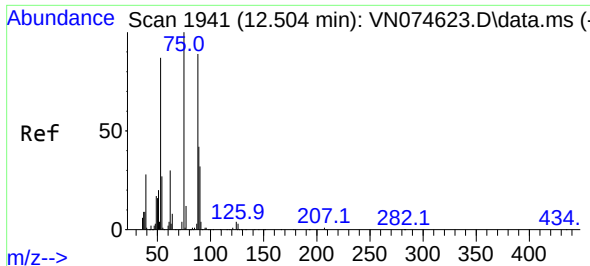
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 2.031 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

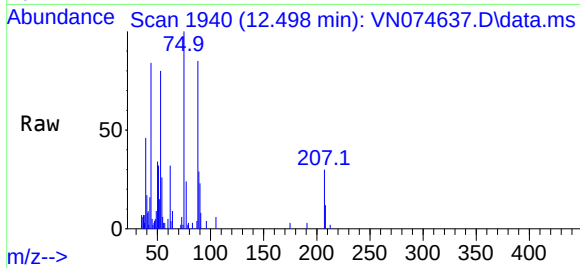
Tgt Ion:105 Resp: 73672
Ion Ratio Lower Upper
105 100
120 50.5 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 2.358 ug/l
RT: 12.498 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

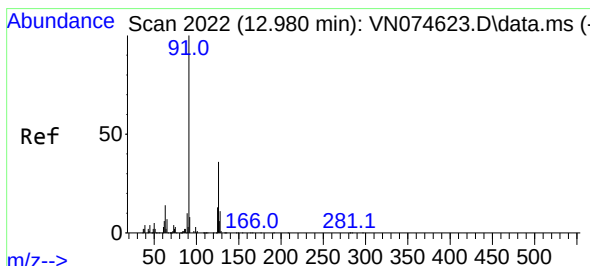
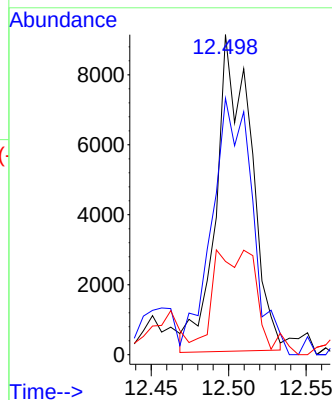
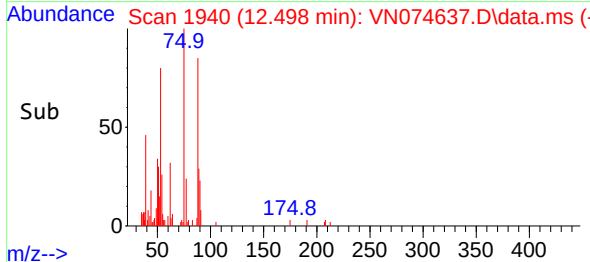
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 75 Resp: 1411
Ion Ratio Lower Upper
75 100
53 80.2 43.3 129.9
89 23.3 21.1 63.1

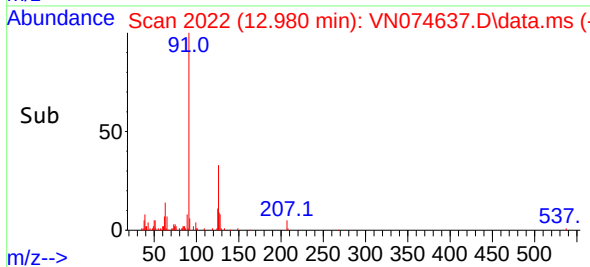
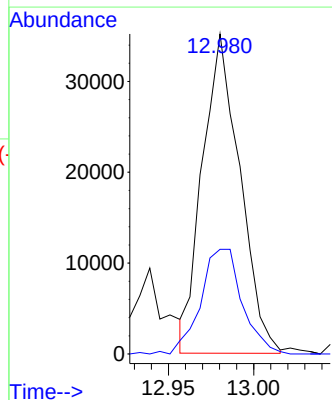
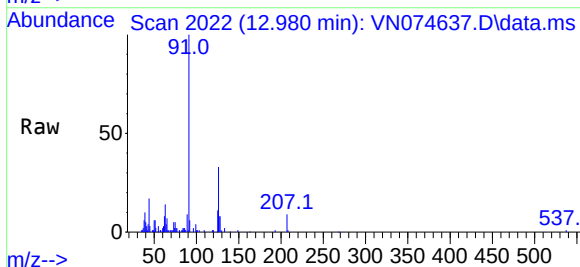
Manual Integrations
APPROVED

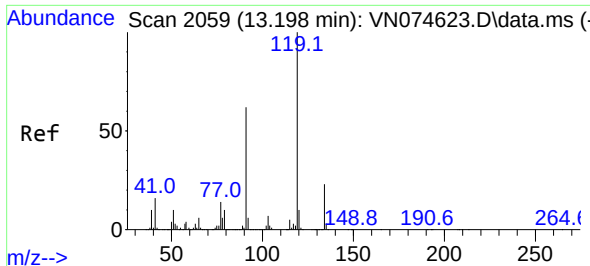
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#78
4-Chlorotoluene
Concen: 1.821 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Tgt Ion: 91 Resp: 53672
Ion Ratio Lower Upper
91 100
126 36.3 0.0 67.8





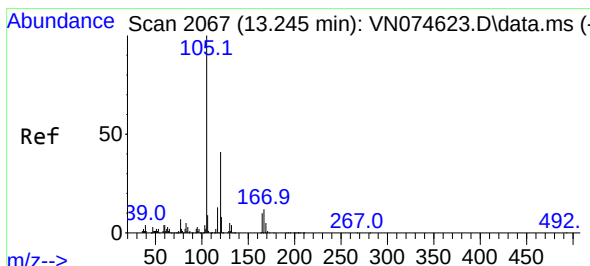
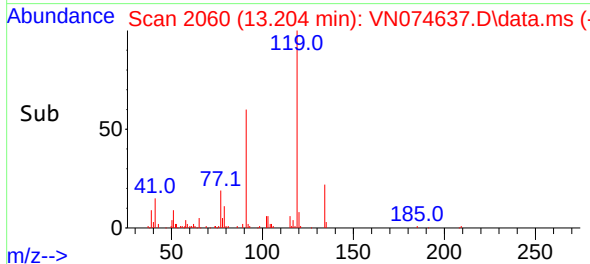
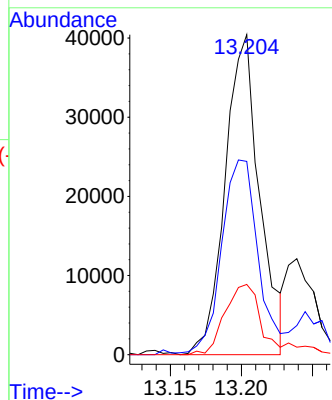
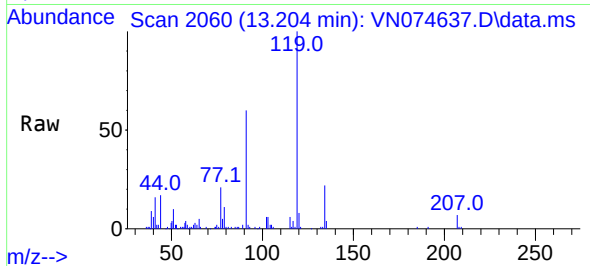
#79
tert-butylbenzene
Concen: 2.152 ug/l
RT: 13.204 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:119 Resp: 68284
Ion Ratio Lower Upper
119 100
91 63.1 0.0 129.0
134 22.3 0.0 52.2

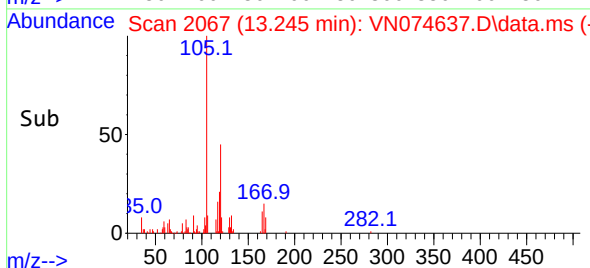
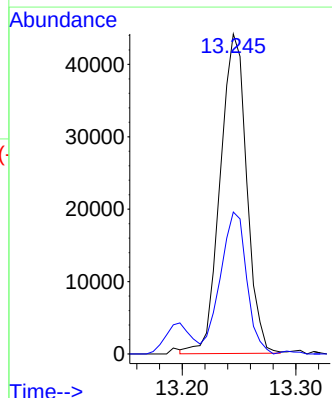
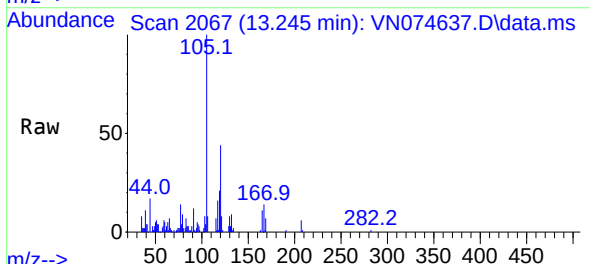
Manual Integrations
APPROVED

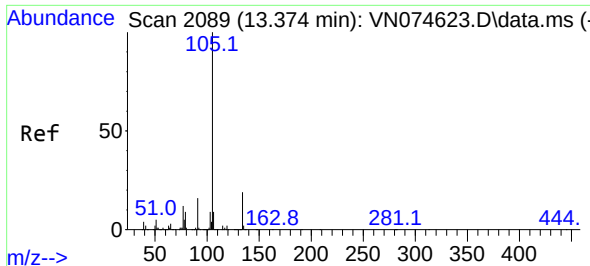
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 1.994 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

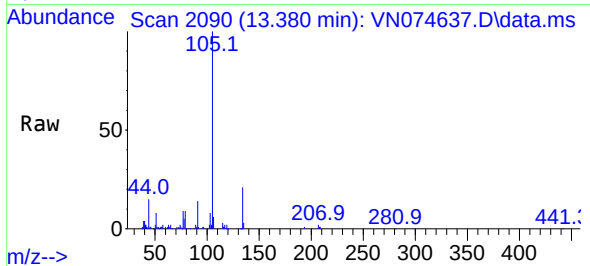
Tgt Ion:105 Resp: 71448
Ion Ratio Lower Upper
105 100
120 44.1 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 1.887 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074637.D
 Acq: 27 Sep 2022 19:17

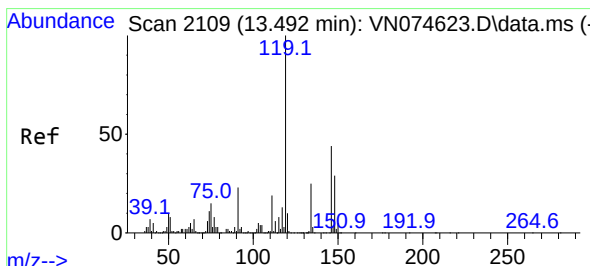
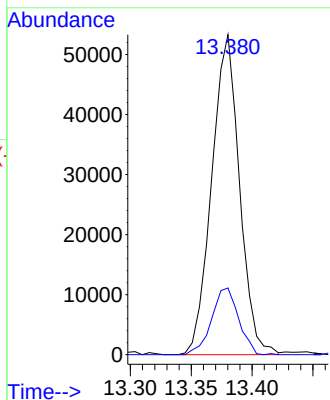
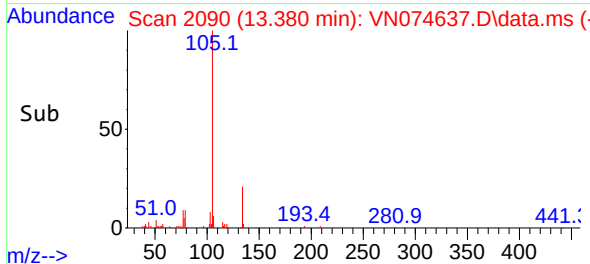
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion:105 Resp: 84770
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.8

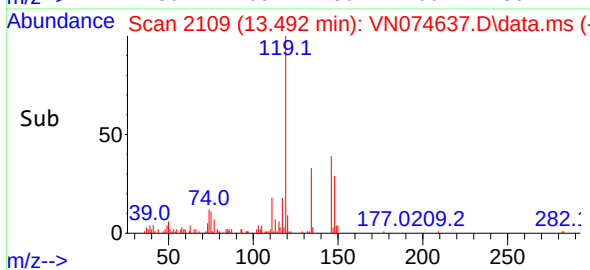
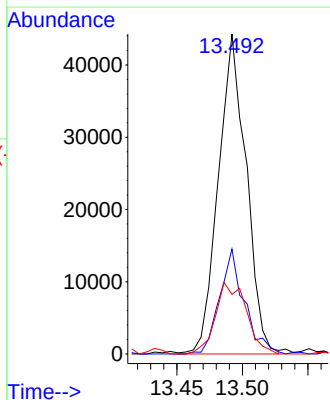
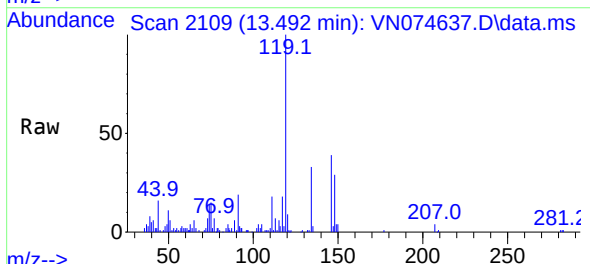
Manual Integrations
 APPROVED

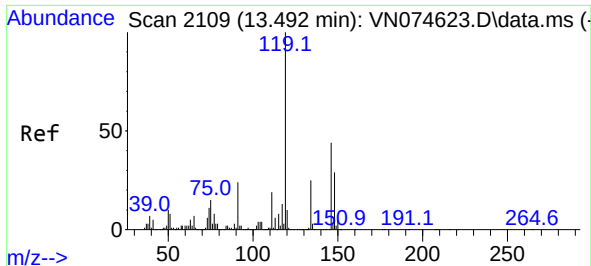
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#82
 p-Isopropyltoluene
 Concen: 1.770 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074637.D
 Acq: 27 Sep 2022 19:17

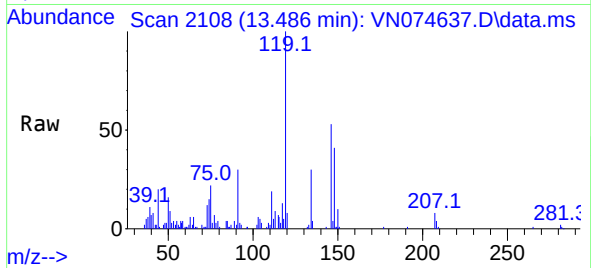
Tgt Ion:119 Resp: 65434
 Ion Ratio Lower Upper
 119 100
 134 28.8 0.0 51.4
 91 24.7 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 1.818 ug/l
RT: 13.486 min Scan# 2109
Delta R.T. -0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

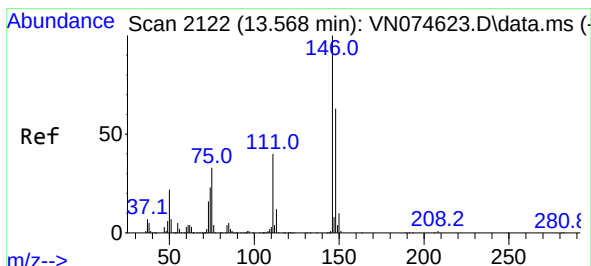
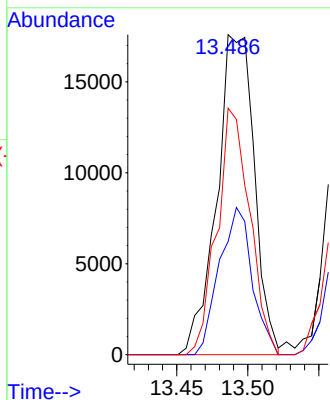
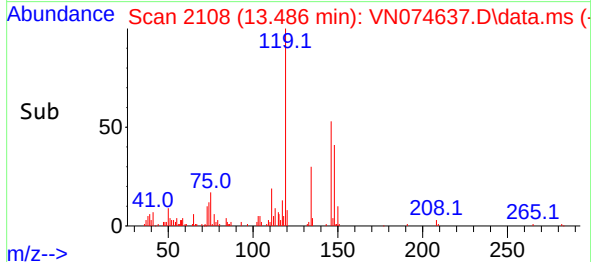
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



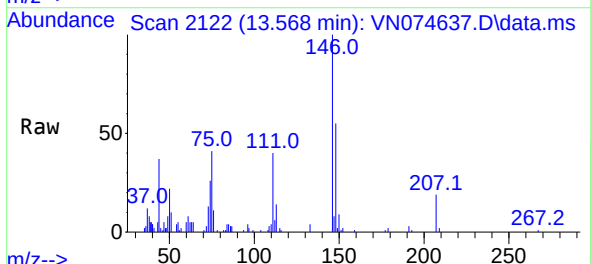
Tgt Ion:146 Resp: 32294
Ion Ratio Lower Upper
146 100
111 40.4 20.5 61.5
148 67.4 31.0 93.0

Manual Integrations
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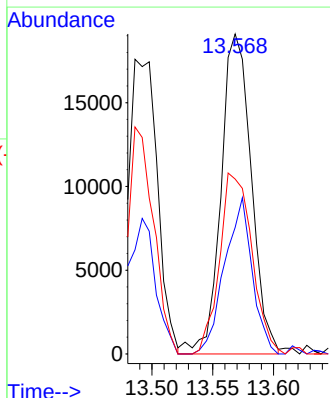
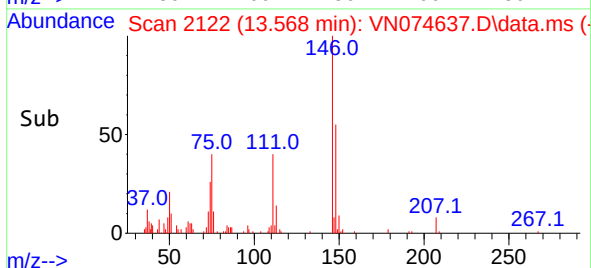
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

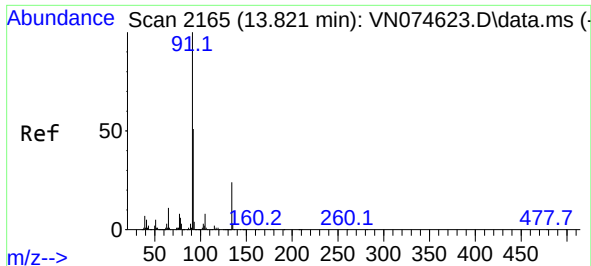


#84
1,4-Dichlorobenzene
Concen: 1.871 ug/l
RT: 13.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



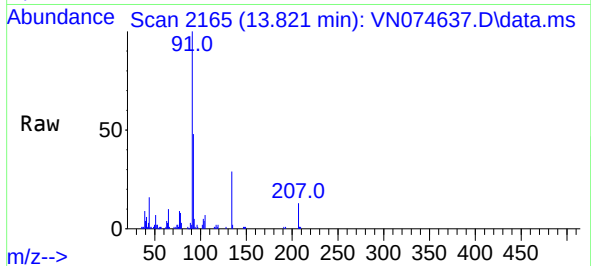
Tgt Ion:146 Resp: 33052
Ion Ratio Lower Upper
146 100
111 44.4 19.1 57.5
148 60.4 31.7 95.1





#85
n-Butylbenzene
Concen: 1.769 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

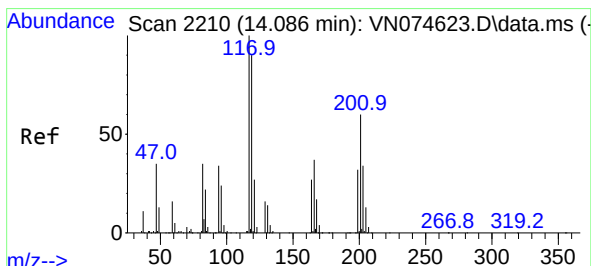
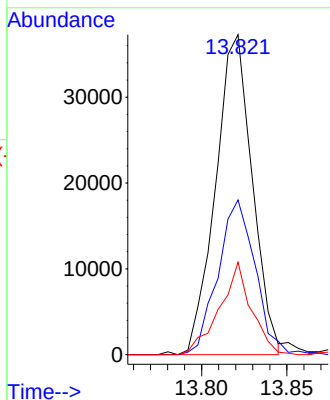
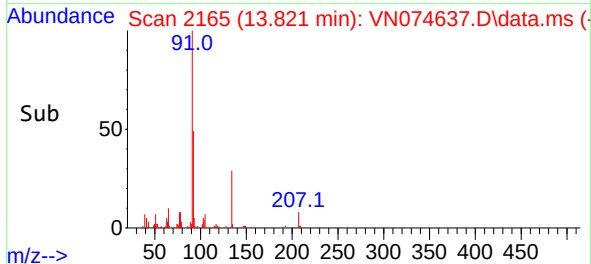
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 91 Resp: 55780
Ion Ratio Lower Upper
91 100
92 48.9 0.0 105.4
134 25.1 0.0 46.4

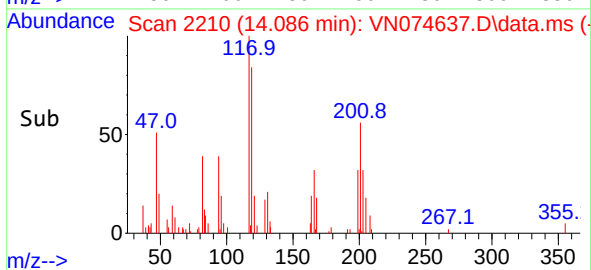
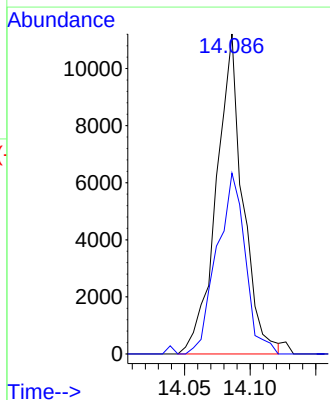
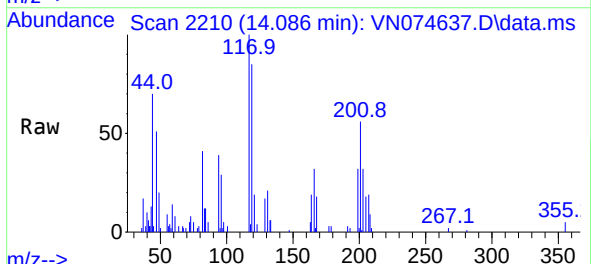
Manual Integrations
APPROVED

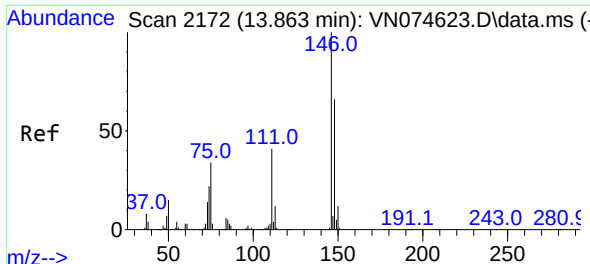
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 2.215 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

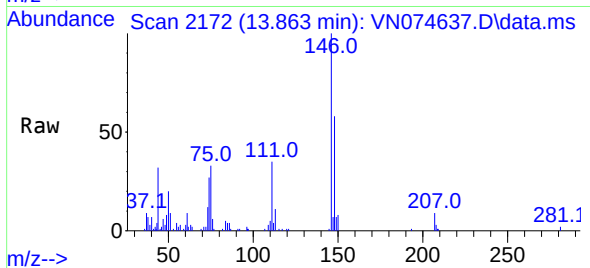
Tgt Ion:117 Resp: 15769
Ion Ratio Lower Upper
117 100
201 59.7 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 1.938 ug/l
RT: 13.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

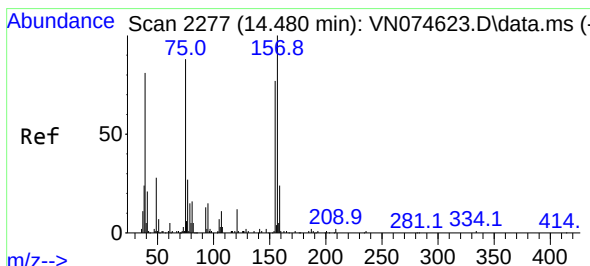
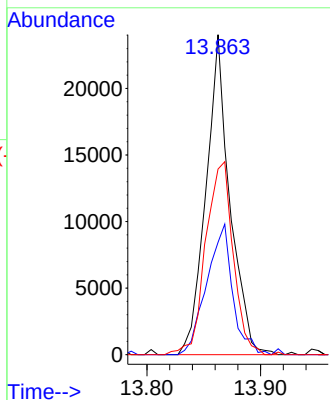
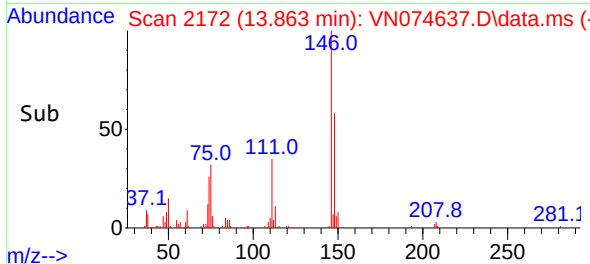
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



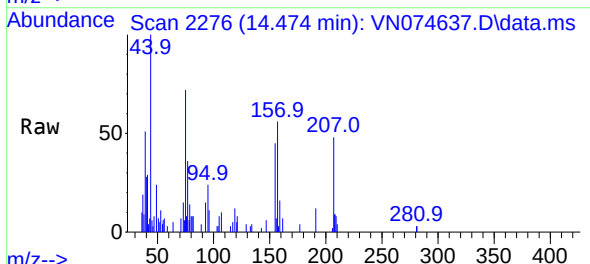
Tgt Ion:146 Resp: 35219
Ion Ratio Lower Upper
146 100
111 44.4 21.4 64.2
148 69.1 30.6 92.0

Manual Integrations
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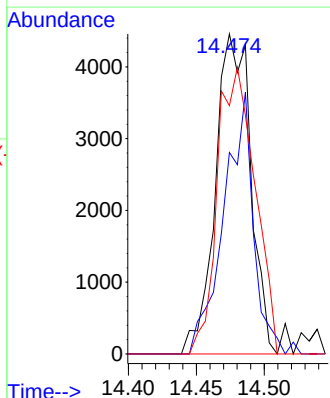
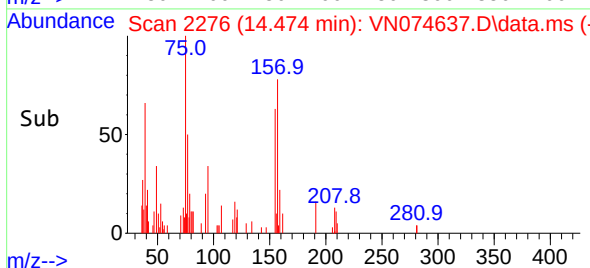
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

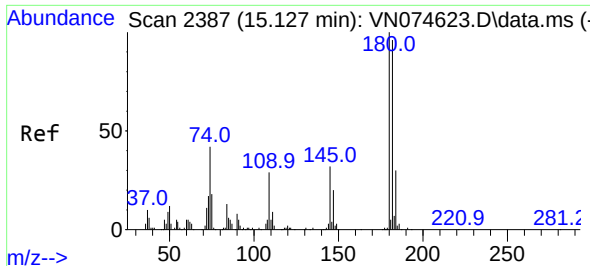


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.524 ug/l m
RT: 14.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



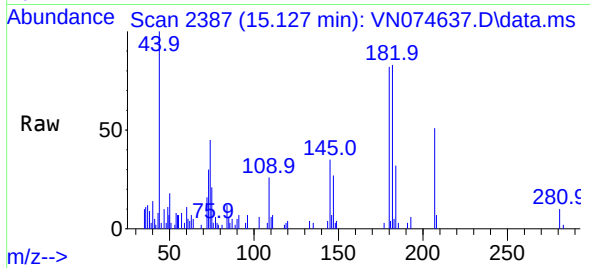
Tgt Ion: 75 Resp: 8072
Ion Ratio Lower Upper
75 100
155 68.1 66.3 99.5
157 95.6 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 1.734 ug/l m
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

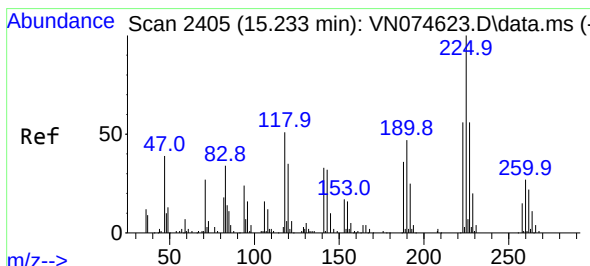
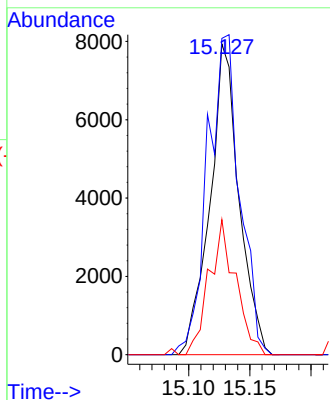
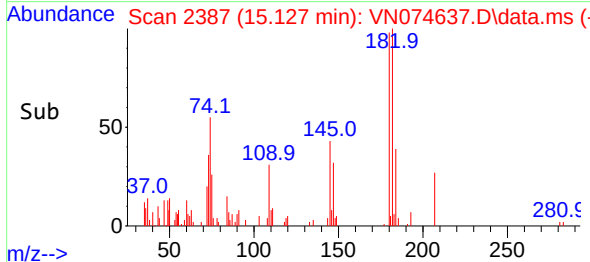
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



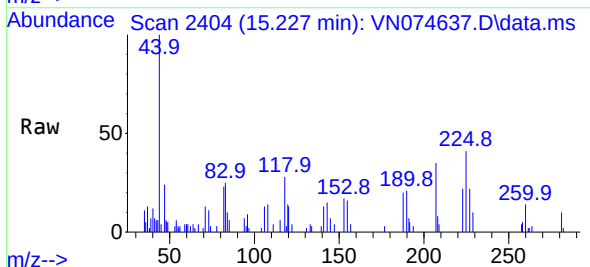
Tgt Ion:180 Resp: 13140
Ion Ratio Lower Upper
180 100
182 101.4 74.9 112.3
145 40.9 26.3 39.5

Manual Integrations
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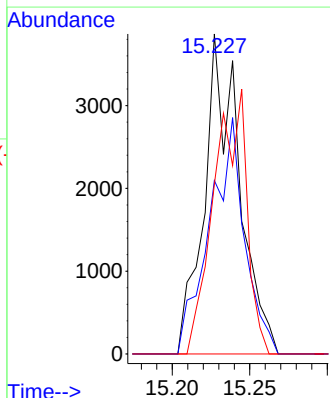
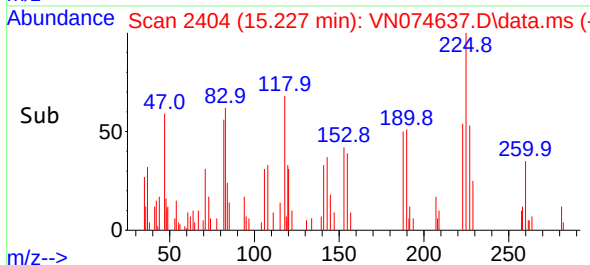
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

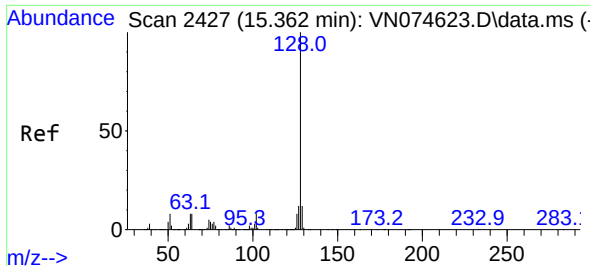


#90
Hexachlorobutadiene
Concen: 1.813 ug/l
RT: 15.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



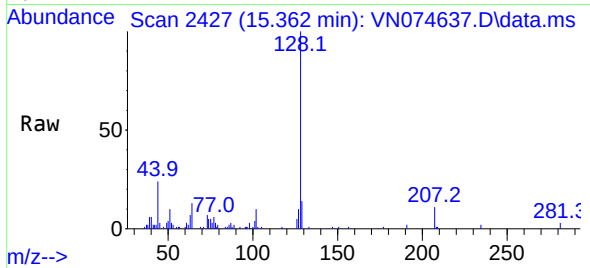
Tgt Ion:225 Resp: 6053
Ion Ratio Lower Upper
225 100
223 0.0 0.0 125.0
227 51.4 0.0 123.0





#91
Naphthalene
Concen: 1.835 ug/l
RT: 15.362 min Scan# 2427
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17

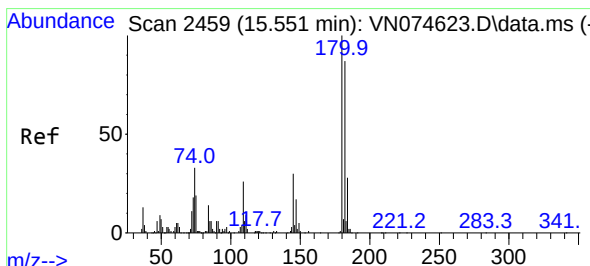
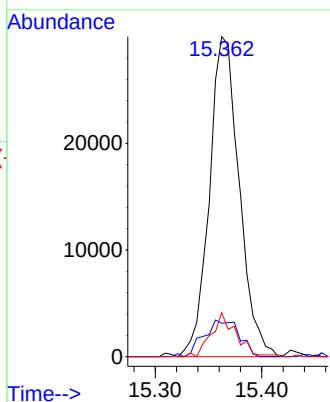
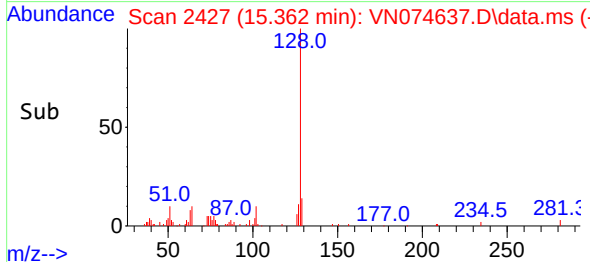
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



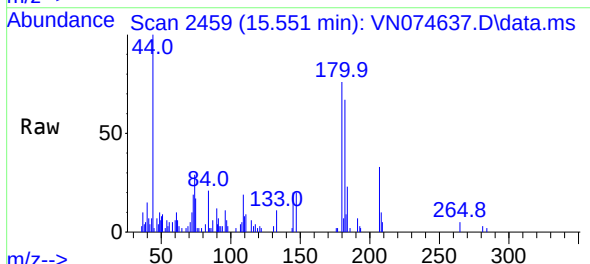
Tgt Ion:128 Resp: 58335
Ion Ratio Lower Upper
128 100
127 1.8 10.7 16.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 1.823 ug/l
RT: 15.551 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VN074637.D
Acq: 27 Sep 2022 19:17



Tgt Ion:180 Resp: 13855
Ion Ratio Lower Upper
180 100
182 96.1 0.0 185.4
145 38.8 0.0 68.6

