

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074885.D
 Acq On : 12 Oct 2022 19:09
 Operator : JC\MD
 Sample : N4955-08 5.0 LOQ
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Oct 13 08:02:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	66040	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	386639	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	357239	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	213230	34.488	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 114.967%#	
60) 4-Bromofluorobenzene	12.847	95	170596	26.928	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.767%	
63) Toluene-d8	10.571	98	634952	30.796	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.667%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	21781	5.939	ug/l	99
3) Chloromethane	2.377	50	39351	6.635	ug/l	92
4) Vinyl Chloride	2.530	62	53657	6.144	ug/l	95
5) Bromomethane	2.924	94	50042	7.227	ug/l	92
6) Chloroethane	3.107	64	40634	6.204	ug/l	97
7) Trichlorofluoromethane	3.495	101	41598	6.389	ug/l	87
8) Diethyl Ether	3.983	74	17978	5.921	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.383	101	19650	4.796	ug/l	67
10) 1,1-Dichloroethene	4.354	96	26557	6.589	ug/l #	80
11) Methyl Iodide	4.606	142	16307	3.241	ug/l	87
12) Methyl Acetate	5.048	43	35833	3.689	ug/l	96
13) Acrolein	4.201	56	39571	28.830	ug/l	91
14) Acrylonitrile	5.748	53	102360	28.252	ug/l	88
15) Acetone	4.453	58	14898	15.003	ug/l	97
16) Carbon Disulfide	4.730	76	61895	5.978	ug/l	97
17) Allyl chloride	5.048	41	43714	5.448	ug/l	84
18) Methylene Chloride	5.295	84	28359	5.426	ug/l #	92
19) trans-1,2-Dichloroethene	5.806	96	13268	2.999	ug/l #	60
20) Diisopropyl ether	6.683	45	48546	2.592	ug/l #	49
21) 1,1-Dichloroethane	6.589	63	56545	5.933	ug/l	97
22) cis-1,2-Dichloroethene	7.506	96	31453	5.677	ug/l	95
23) tert-Butyl Alcohol	5.548	59	53480	35.031	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	62673	3.723	ug/l #	77
26) Cyclohexane	8.259	56	48543	5.799	ug/l #	53
29) 1,1-Dichloropropene	8.377	75	37191	5.331	ug/l	67
30) 2-Butanone	7.506	43	152824	27.456	ug/l	98
31) 2,2-Dichloropropane	7.494	77	31972	3.744	ug/l #	90
32) 1,1,1-Trichloroethane	8.183	97	44940	5.372	ug/l #	78
33) Carbon Tetrachloride	8.371	117	33914	4.936	ug/l	96
34) Benzene	8.612	78	130014	5.638	ug/l #	86
35) Methacrylonitrile	7.800	41	25856	4.520	ug/l	86
36) 1,2-Dichloroethane	8.677	62	40897	5.326	ug/l #	93
37) Trichloroethene	9.359	130	25906	5.402	ug/l	84
38) Methylcyclohexane	9.606	83	44625	5.265	ug/l	96
39) 1,2-Dichloropropane	9.624	63	32368	5.415	ug/l	97
40) Dibromomethane	9.718	93	14013	3.537	ug/l	49
41) Bromodichloromethane	9.888	83	43034	5.578	ug/l #	98
42) Vinyl Acetate	6.624	43	396785	23.931	ug/l	98
44) Isopropyl Acetate	8.700	43	87281	5.215	ug/l	98

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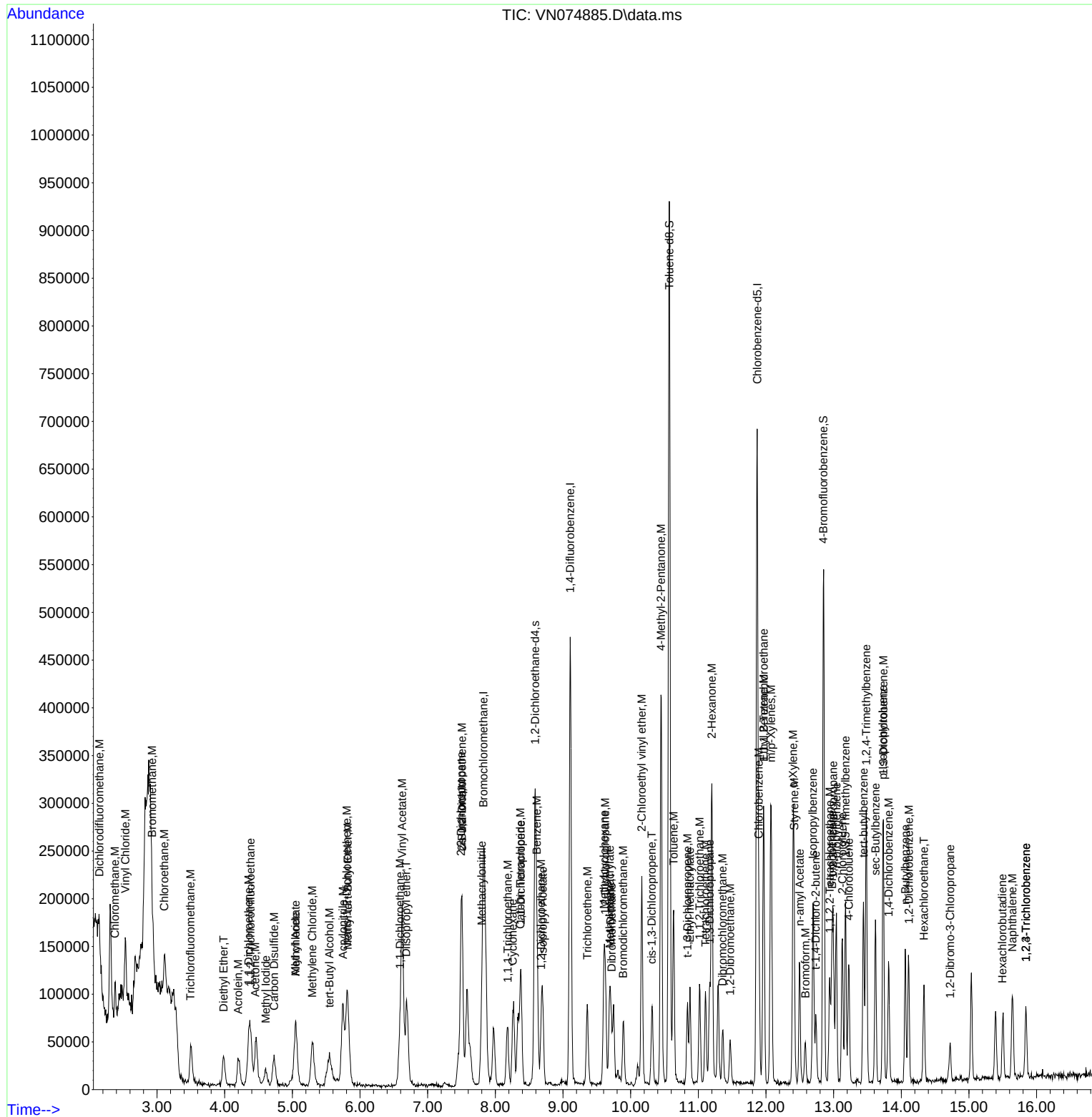
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.700	88	16033	104.478	ug/l #	84
46) Methyl methacrylate	9.688	41	39512	5.451	ug/l	84
47) n-amyl Acetate	12.500	43	72819	4.973	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	41496	4.688	ug/l #	75
49) cis-1,3-Dichloropropene	10.312	75	44426	4.733	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	30618	5.252	ug/l	94
51) Ethyl methacrylate	10.877	69	46390	4.680	ug/l	91
52) 1,3-Dichloropropane	11.165	76	56643	5.630	ug/l	99
53) Dibromochloromethane	11.359	129	27092	4.744	ug/l	94
54) 1,2-Dibromoethane	11.471	107	29185	5.211	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	92018	23.732	ug/l	96
56) Bromoform	12.582	173	18664	4.535	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	288724	25.987	ug/l	98
59) 2-Hexanone	11.200	43	218773	25.586	ug/l	97
61) Tetrachloroethene	11.106	164	20689	5.432	ug/l #	80
62) Toluene	10.635	91	133244	5.399	ug/l	96
64) Chlorobenzene	11.894	112	77374	5.515	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	25939	4.909	ug/l	95
66) Ethyl Benzene	11.965	91	128634	4.793	ug/l	100
67) m/p-Xylenes	12.077	106	96303	9.552	ug/l	97
68) o-Xylene	12.400	106	53381	5.209	ug/l	93
69) Styrene	12.418	104	73647	4.390	ug/l	92
70) Isopropylbenzene	12.694	105	125649	4.754	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	51016	5.160	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	63368	7.629	ug/l	41
73) Bromobenzene	12.976	156	30031	5.422	ug/l	85
74) n-propylbenzene	13.041	91	136696	4.436	ug/l	100
75) 2-Chlorotoluene	13.129	91	79597	4.415	ug/l	93
76) 1,3,5-Trimethylbenzene	13.176	105	97924	4.559	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	13060	3.784	ug/l	69
78) 4-Chlorotoluene	13.224	91	75257	4.374	ug/l	98
79) tert-butylbenzene	13.441	119	88132	4.613	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	100506	4.650	ug/l	95
81) sec-Butylbenzene	13.618	105	112543	4.098	ug/l	100
82) p-Isopropyltoluene	13.729	119	88491	4.056	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	46878	4.337	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	49139	4.733	ug/l	98
85) n-Butylbenzene	14.059	91	76136	3.953	ug/l	99
86) Hexachloroethane	14.335	117	18461	4.320	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	48798	4.547	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.723	75	8789	4.404	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.841	180	22158	4.521	ug/l	97
90) Hexachlorobutadiene	15.494	225	5355	2.241	ug/l #	17
91) Naphthalene	15.641	128	83766	4.307	ug/l	97
92) 1,2,3-Trichlorobenzene	15.841	180	22879	4.463	ug/l	97

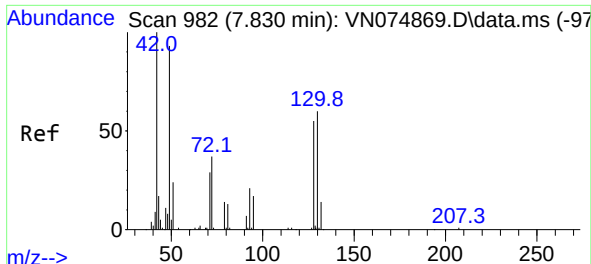
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.824 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074885.D

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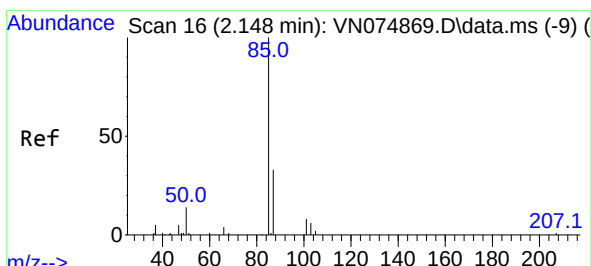
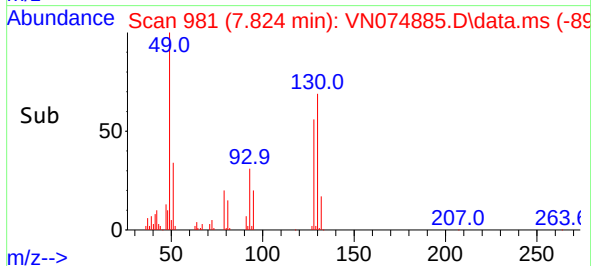
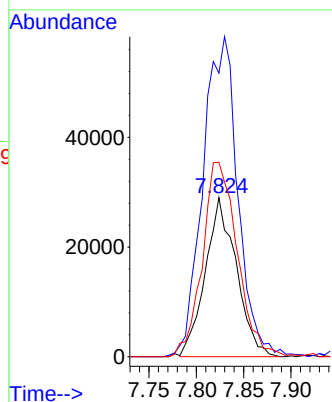
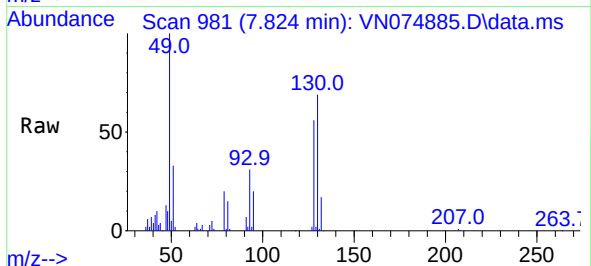
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	128	Resp:	66040
Ion	Ratio	Lower	Upper
128	100		
49	226.3	0.0	492.0
130	135.6	0.0	313.3



#2

Dichlorodifluoromethane

Concen: 5.939 ug/l

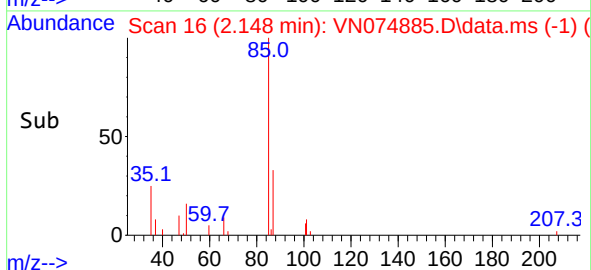
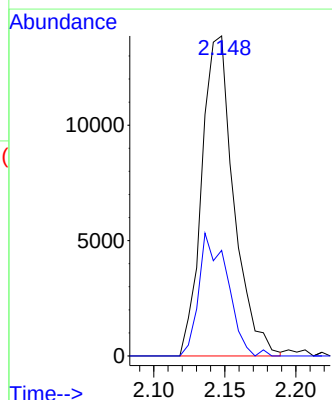
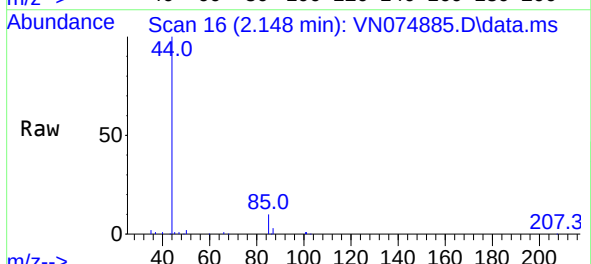
RT: 2.148 min Scan# 16

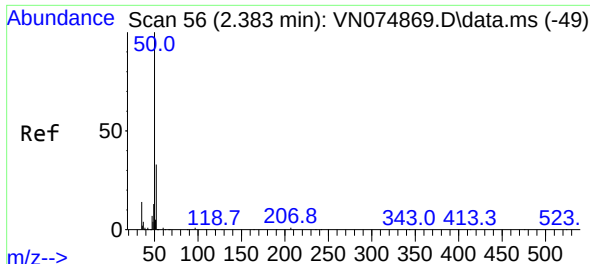
Delta R.T. 0.000 min

Lab File: VN074885.D

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Tgt Ion:	85	Resp:	21781
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.7	50.1

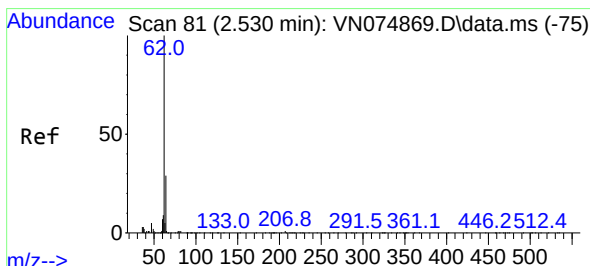
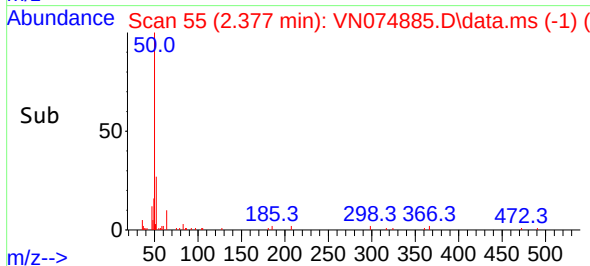
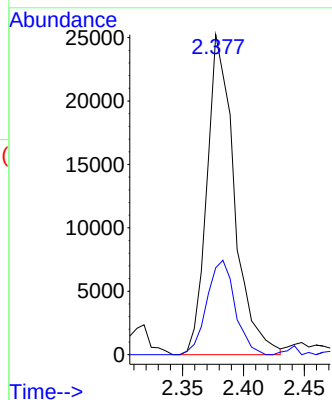
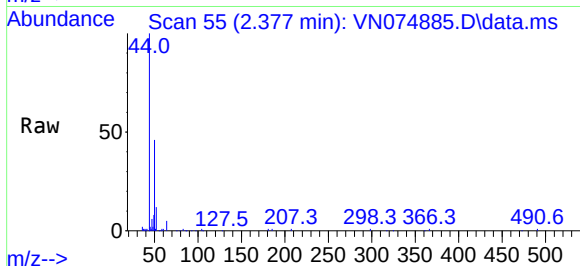




#3
Chloromethane
Concen: 6.635 ug/l
RT: 2.377 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

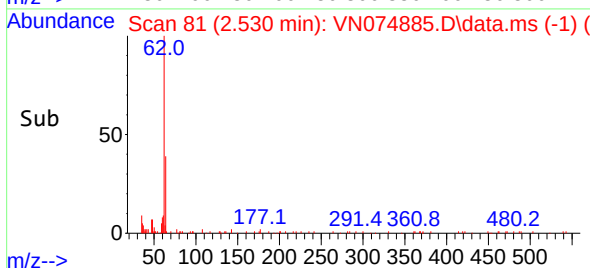
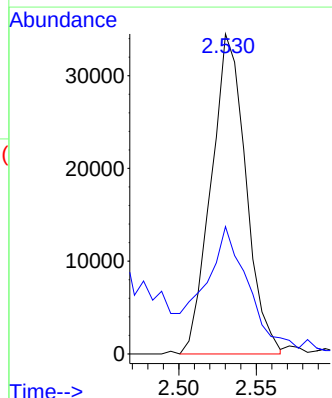
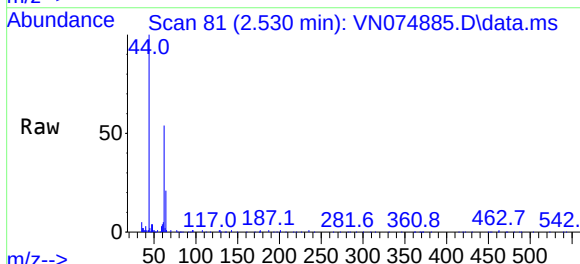
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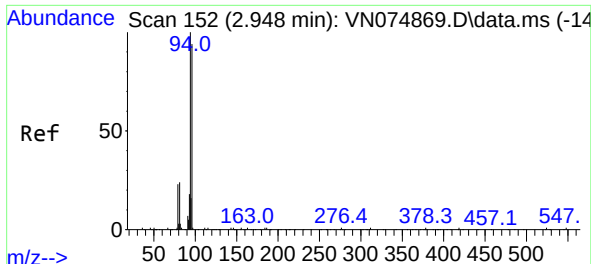
Tgt Ion: 50 Resp: 39351
Ion Ratio Lower Upper
50 100
52 27.2 25.5 38.3



#4
Vinyl Chloride
Concen: 6.144 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 62 Resp: 53657
Ion Ratio Lower Upper
62 100
64 34.8 25.6 38.4

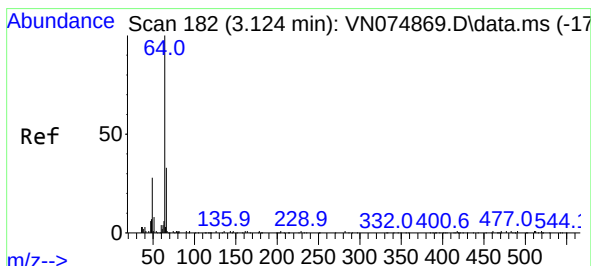
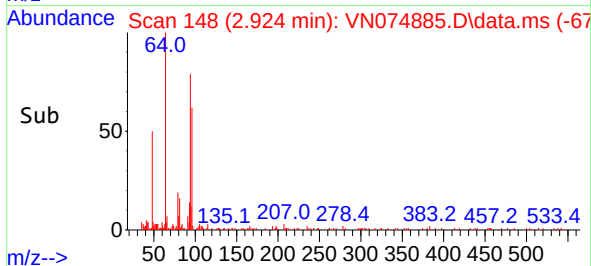
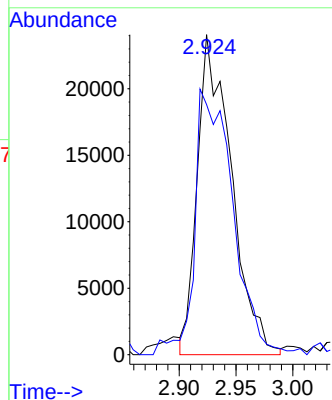
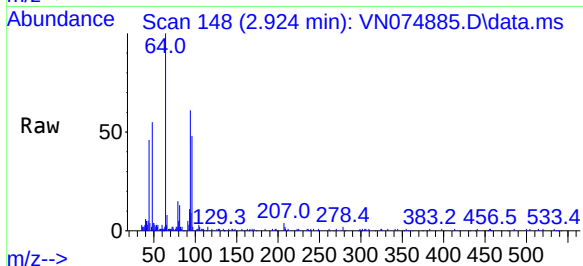




#5
Bromomethane
Concen: 7.227 ug/l
RT: 2.924 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN074885.D
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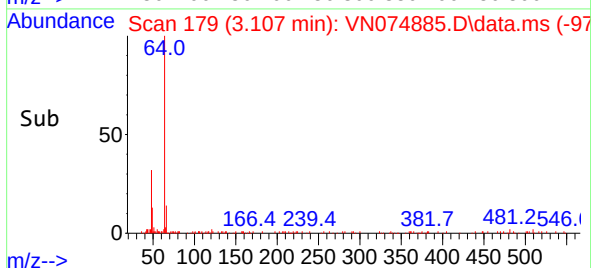
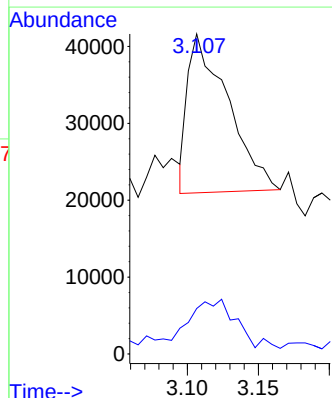
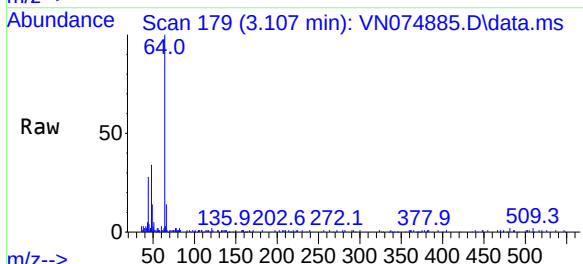
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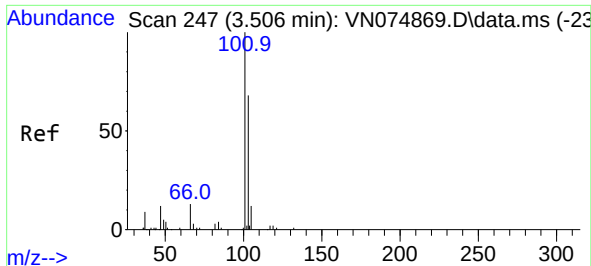
Tgt Ion: 94 Resp: 50042
Ion Ratio Lower Upper
94 100
96 77.6 68.3 102.5



#6
Chloroethane
Concen: 6.204 ug/l
RT: 3.107 min Scan# 179
Delta R.T. -0.018 min
Lab File: VN074885.D
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Tgt Ion: 64 Resp: 40634
Ion Ratio Lower Upper
64 100
66 25.6 21.8 32.8

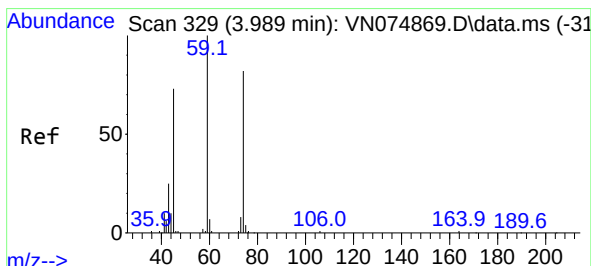
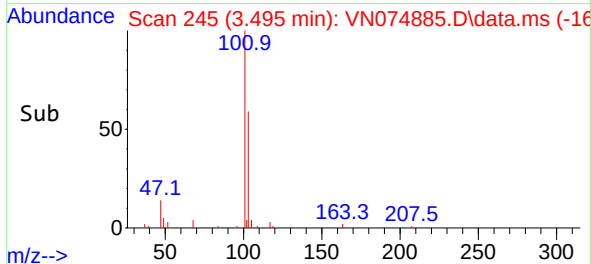
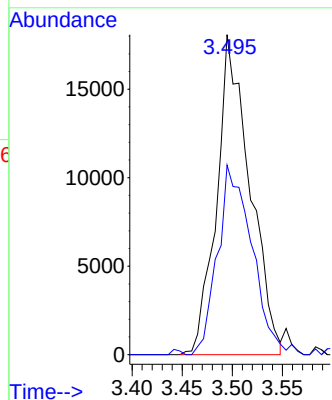
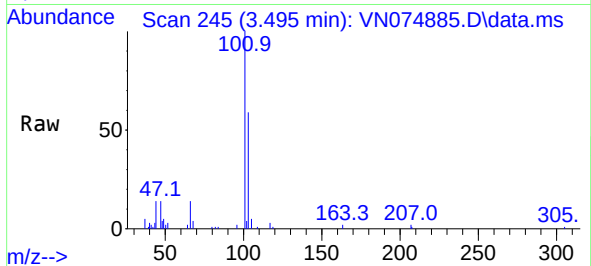




#7
Trichlorofluoromethane
Concen: 6.389 ug/l
RT: 3.495 min Scan# 247
Delta R.T. -0.012 min
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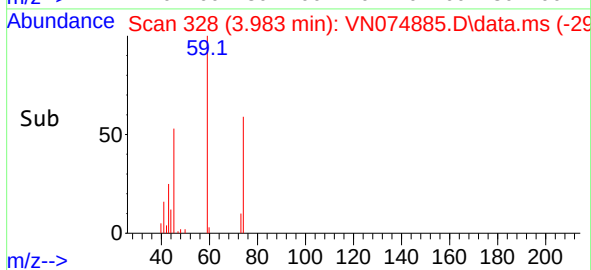
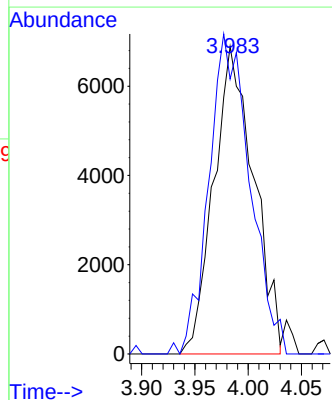
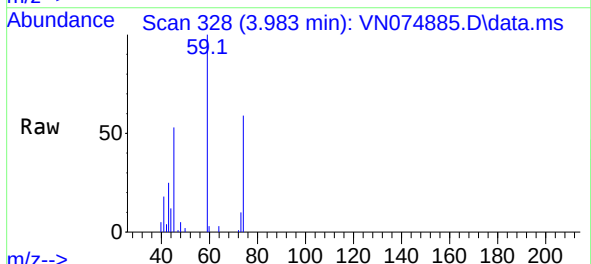
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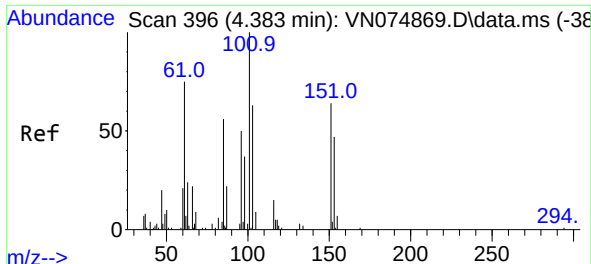
Tgt Ion:101 Resp: 41598
Ion Ratio Lower Upper
101 100
103 58.1 54.8 82.2



#8
Diethyl Ether
Concen: 5.921 ug/l
RT: 3.983 min Scan# 328
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 74 Resp: 17978
Ion Ratio Lower Upper
74 100
45 106.5 19.0 171.0

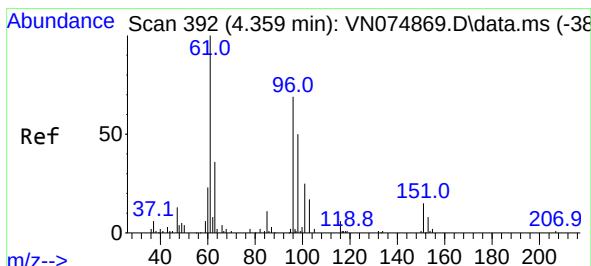
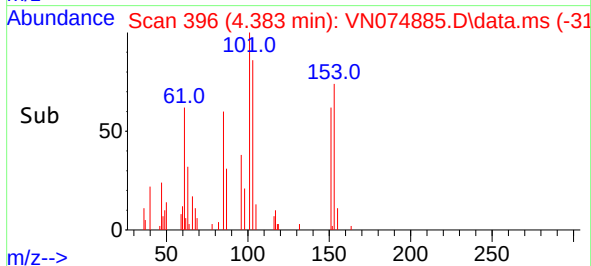
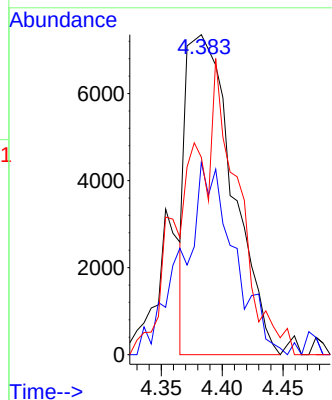
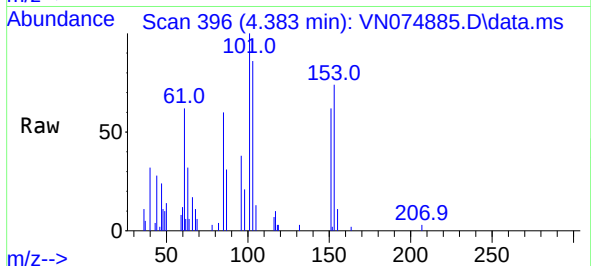




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.796 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
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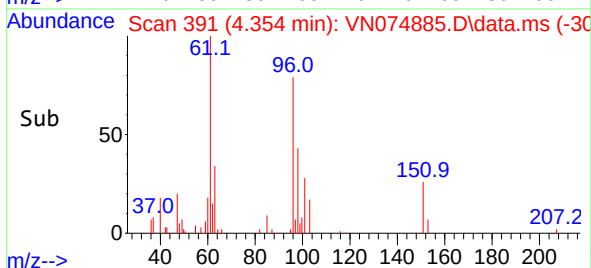
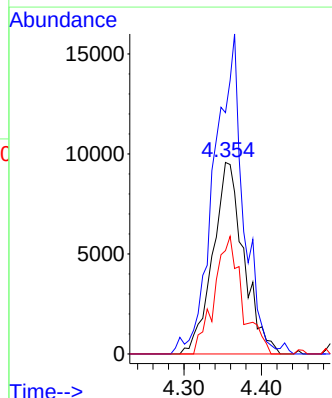
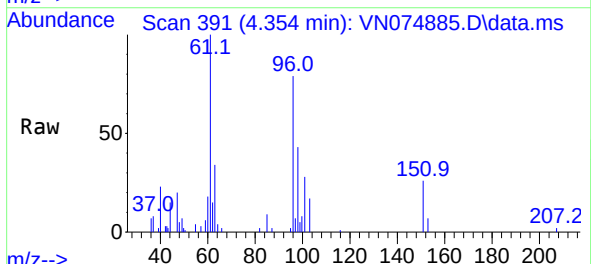
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

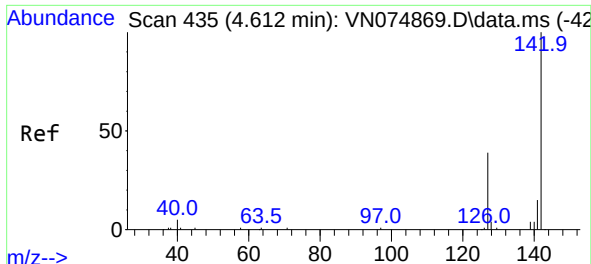
Tgt Ion:101 Resp: 19650
Ion Ratio Lower Upper
101 100
85 42.8 0.0 94.6
151 31.0 0.0 144.8



#10
1,1-Dichloroethene
Concen: 6.589 ug/l
RT: 4.354 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 96 Resp: 26557
Ion Ratio Lower Upper
96 100
61 123.1 125.5 188.3#
98 54.0 45.0 67.4

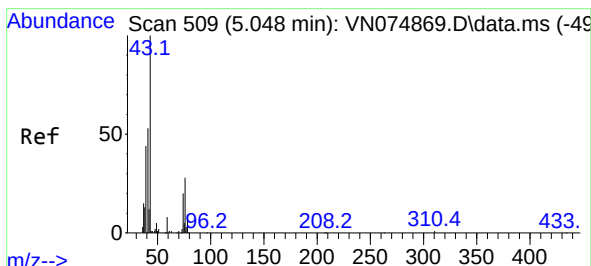
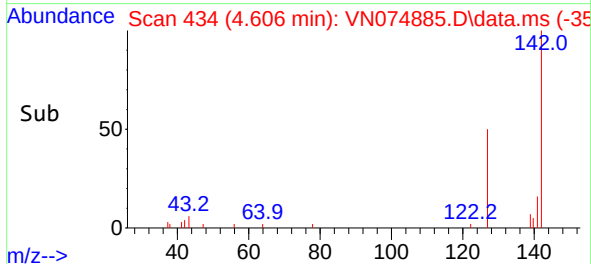
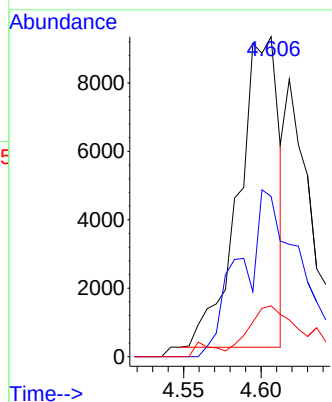
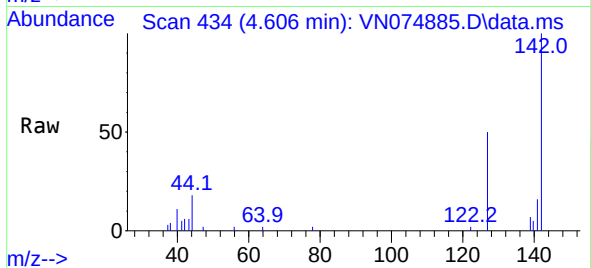




#11
Methyl Iodide
Concen: 3.241 ug/l
RT: 4.606 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

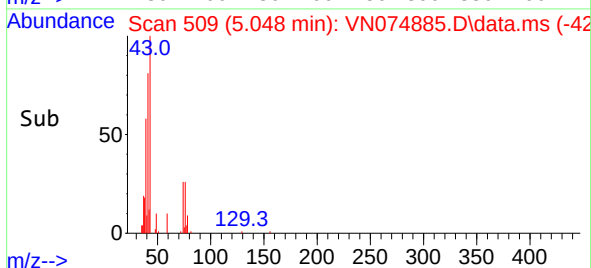
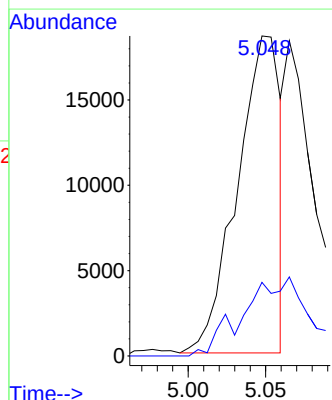
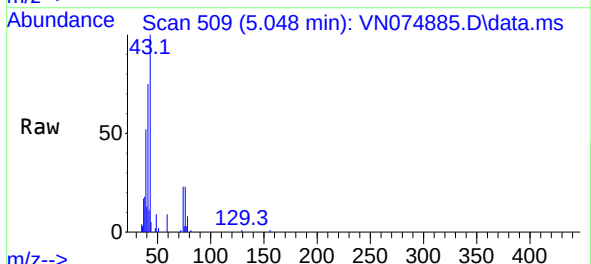
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

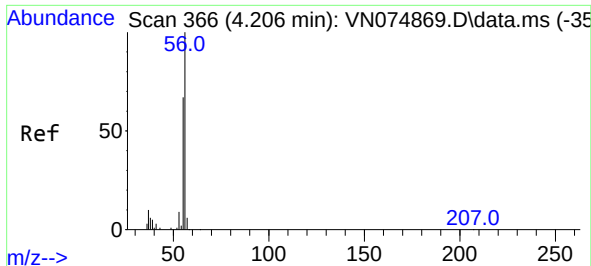
Tgt Ion:142 Resp: 16307
Ion Ratio Lower Upper
142 100
127 49.0 19.3 57.8
141 14.1 7.7 23.1



#12
Methyl Acetate
Concen: 3.689 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 43 Resp: 35833
Ion Ratio Lower Upper
43 100
74 21.7 19.0 28.6

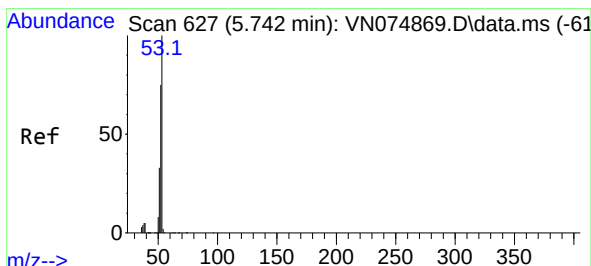
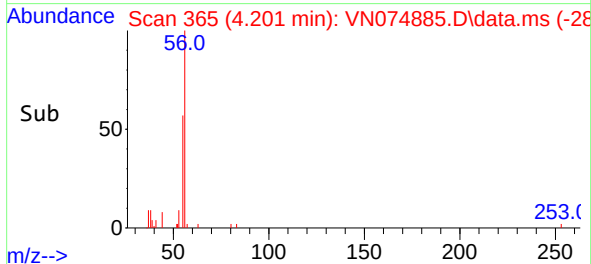
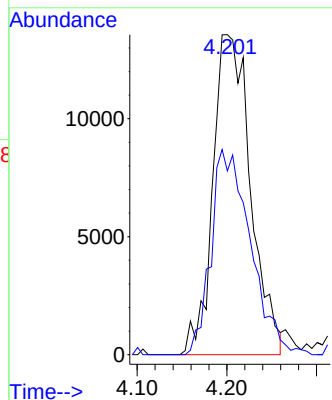
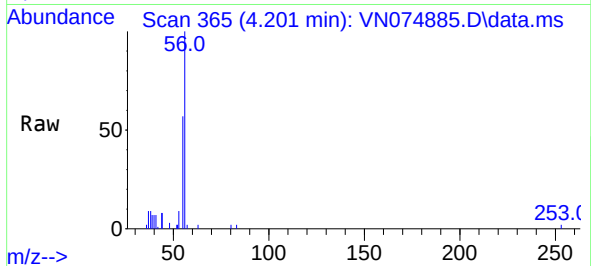




#13
Acrolein
Concen: 28.830 ug/l
RT: 4.201 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

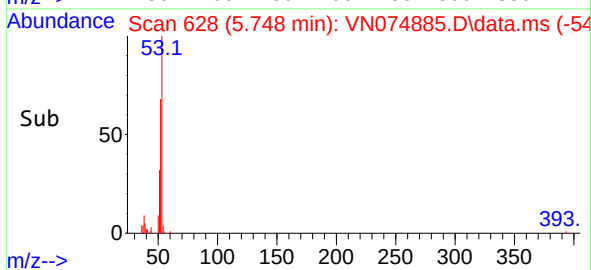
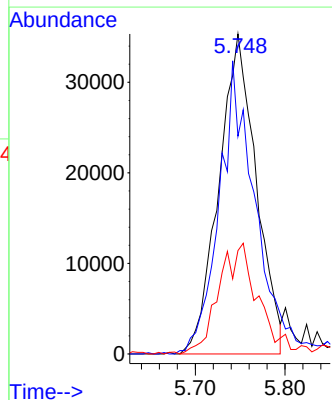
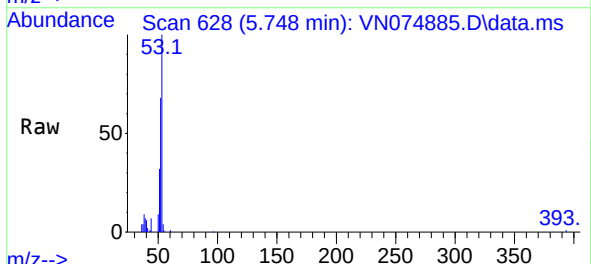
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

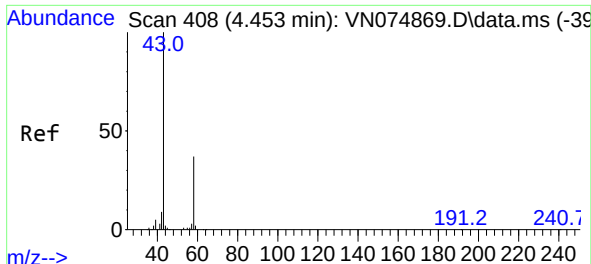
Tgt Ion: 56 Resp: 39571
Ion Ratio Lower Upper
56 100
55 62.6 56.2 84.2



#14
Acrylonitrile
Concen: 28.252 ug/l
RT: 5.748 min Scan# 628
Delta R.T. 0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 53 Resp: 102360
Ion Ratio Lower Upper
53 100
52 87.2 40.8 122.4
51 18.8 17.0 51.0

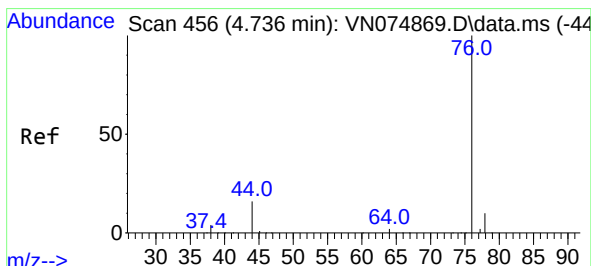
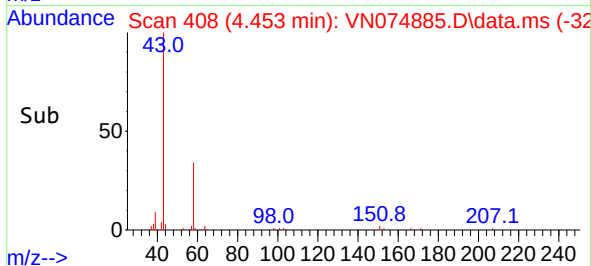
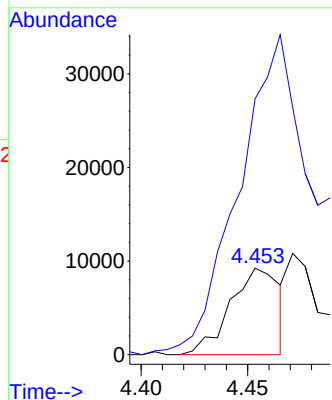
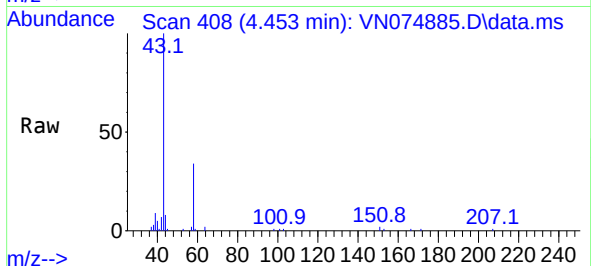




#15
Acetone
Concen: 15.003 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

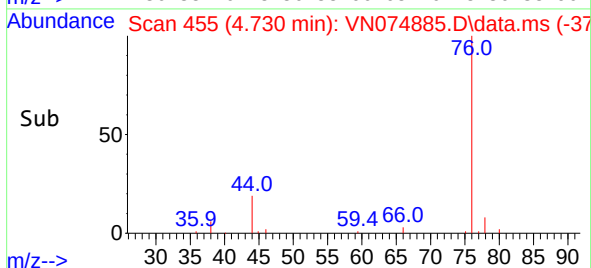
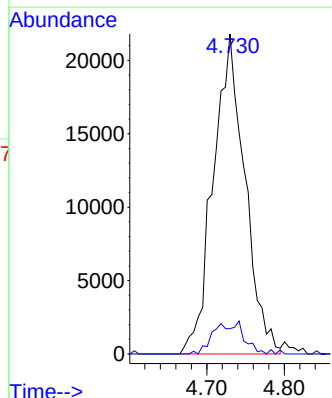
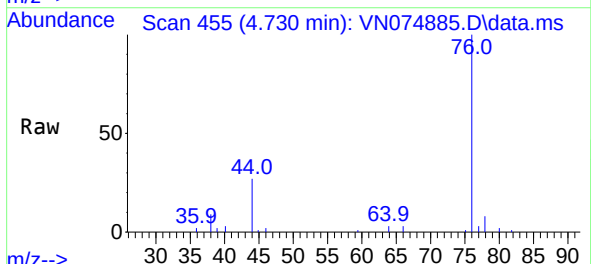
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

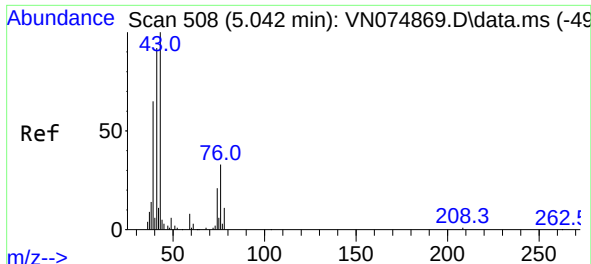
Tgt Ion: 58 Resp: 14898
Ion Ratio Lower Upper
58 100
43 284.0 232.2 348.4



#16
Carbon Disulfide
Concen: 5.978 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 76 Resp: 61895
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8





#17

Allyl chloride

Concen: 5.448 ug/l

RT: 5.048 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

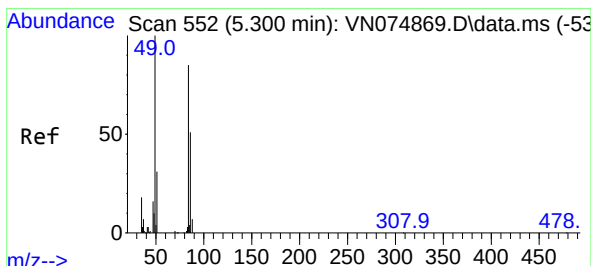
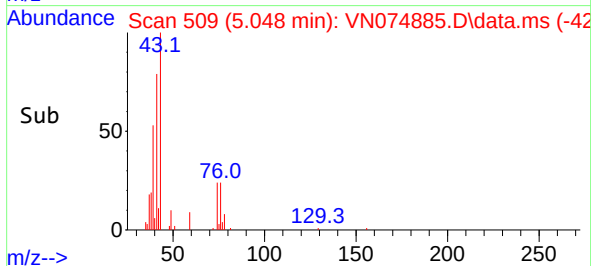
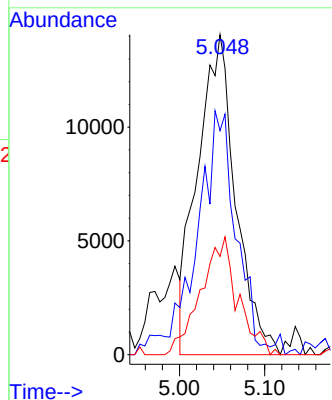
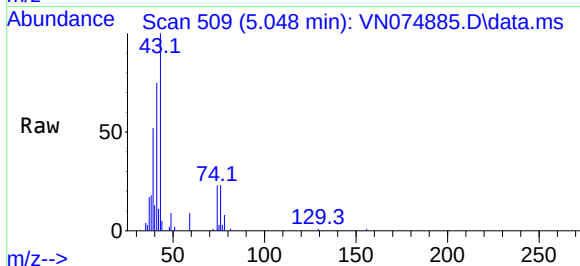
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 41	Resp: 43714
Ion Ratio	Lower Upper
41 100	
39 63.6	39.1 117.5
76 30.7	19.8 59.4



#18

Methylene Chloride

Concen: 5.426 ug/l

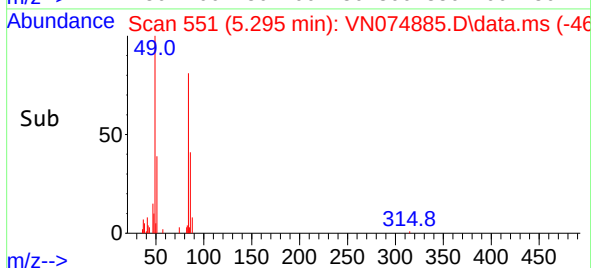
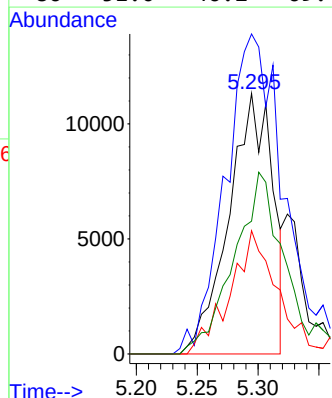
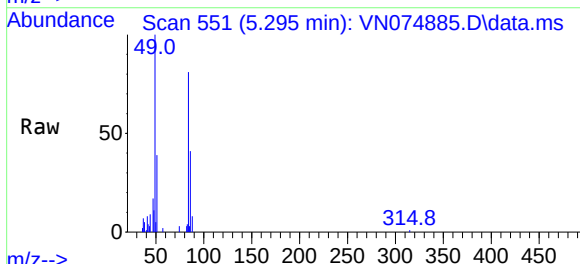
RT: 5.295 min Scan# 551

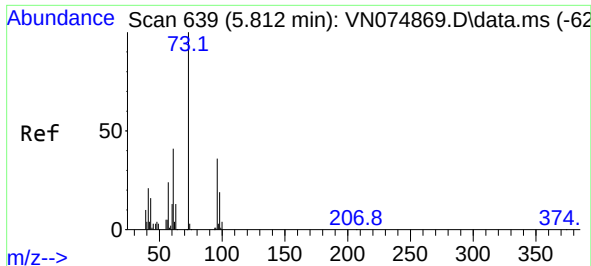
Delta R.T. -0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Tgt Ion: 84	Resp: 28359
Ion Ratio	Lower Upper
84 100	
49 120.7	99.6 149.4
51 47.3	28.2 42.2#
86 51.0	46.2 69.4

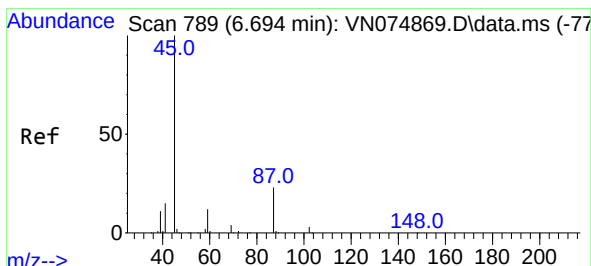
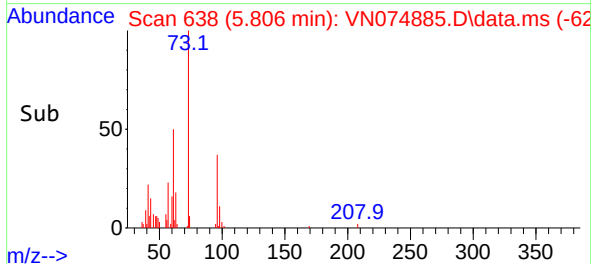
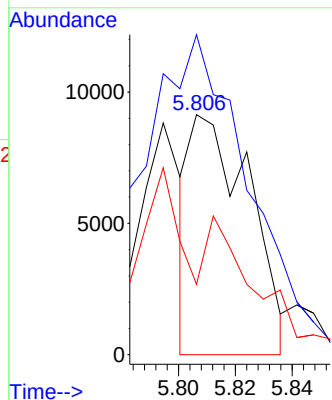
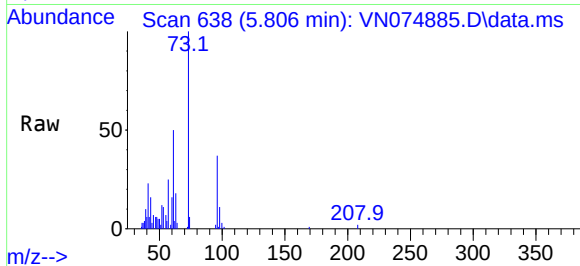




#19
trans-1,2-Dichloroethene
Concen: 2.999 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

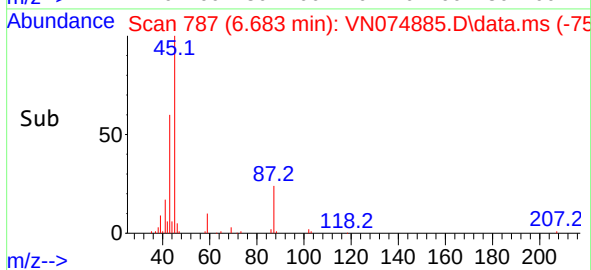
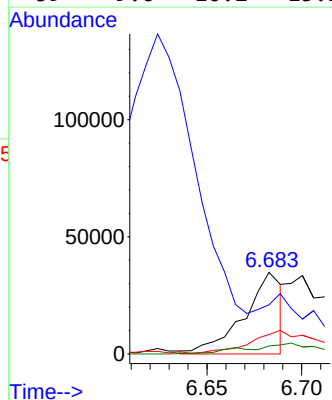
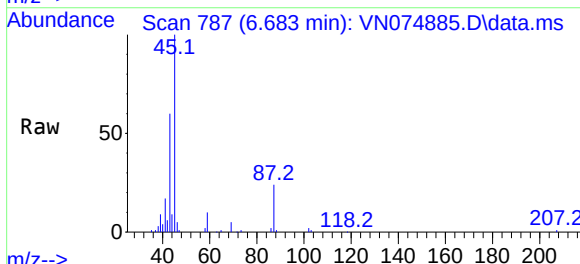
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

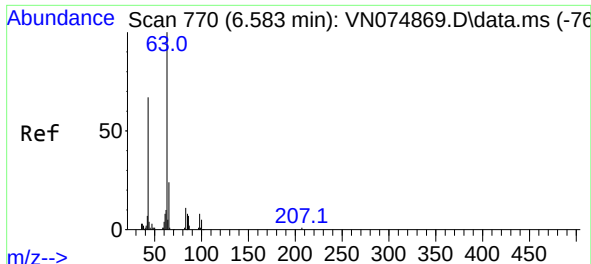
Tgt Ion: 96 Resp: 13268
Ion Ratio Lower Upper
96 100
61 110.2 110.2 165.4#
98 2.9 50.0 75.0#



#20
Diisopropyl ether
Concen: 2.592 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.012 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 45 Resp: 48546
Ion Ratio Lower Upper
45 100
43 0.0 47.3 70.9#
87 22.1 21.8 32.8
59 9.6 10.2 15.2#

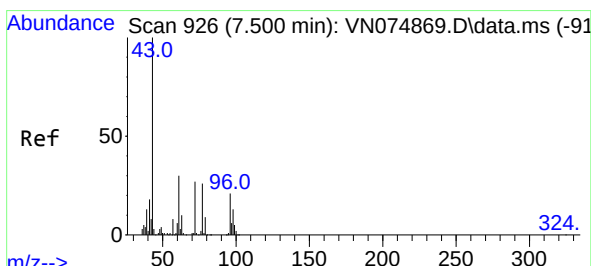
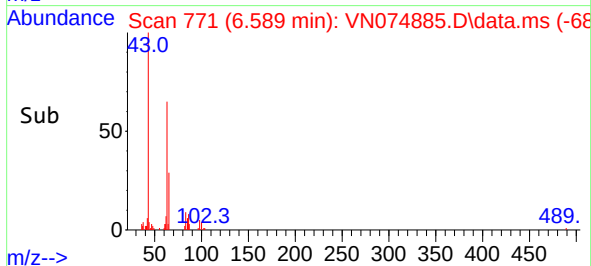
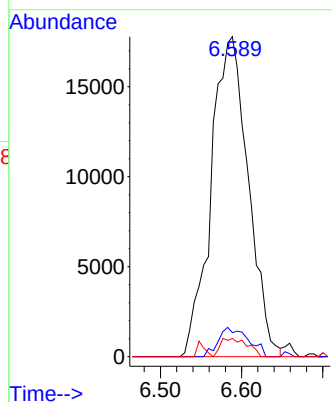
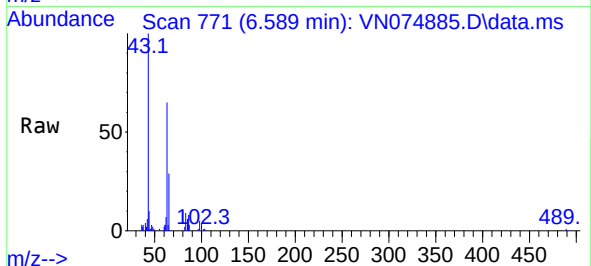




#21
1,1-Dichloroethane
Concen: 5.933 ug/l
RT: 6.589 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

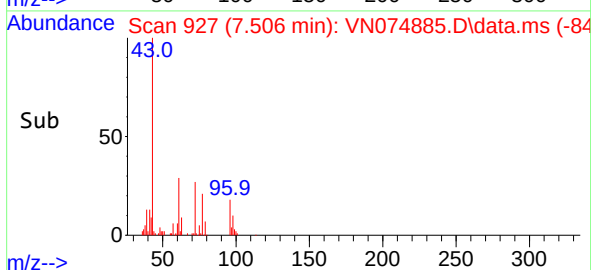
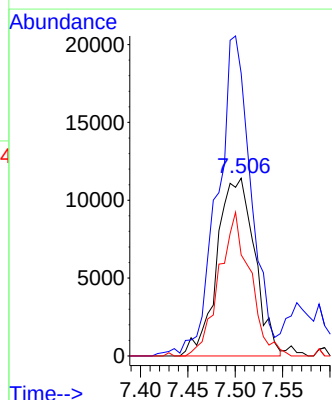
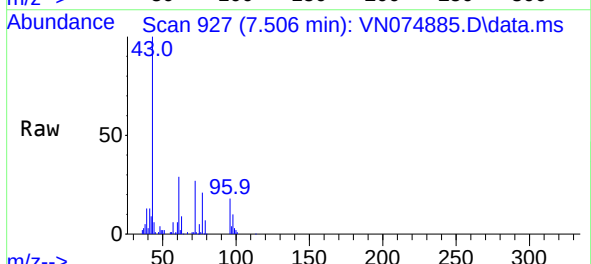
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

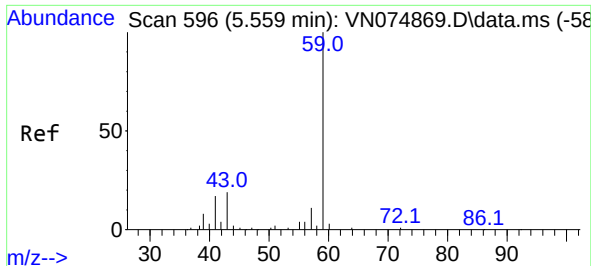
Tgt Ion: 63 Resp: 56545
Ion Ratio Lower Upper
63 100
98 7.5 3.3 9.9
100 5.7 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 5.677 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 96 Resp: 31453
Ion Ratio Lower Upper
96 100
61 157.3 118.8 178.2
98 66.8 52.1 78.1

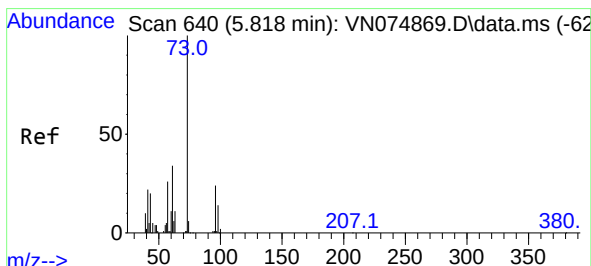
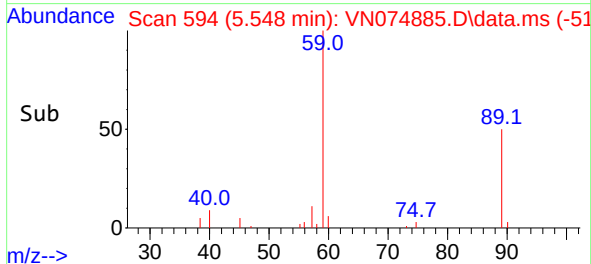
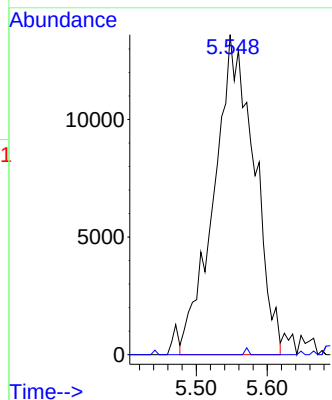
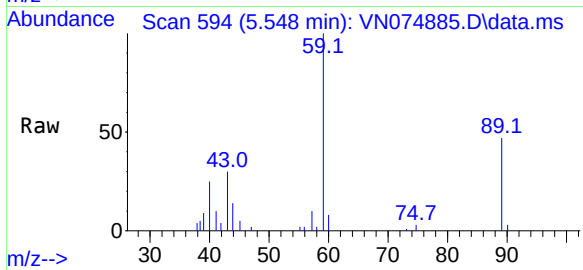




#23
tert-Butyl Alcohol
Concen: 35.031 ug/l
RT: 5.548 min Scan# 59
Delta R.T. -0.012 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

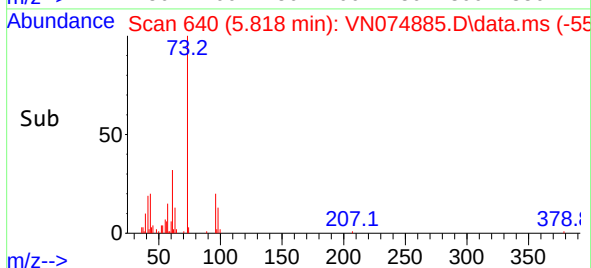
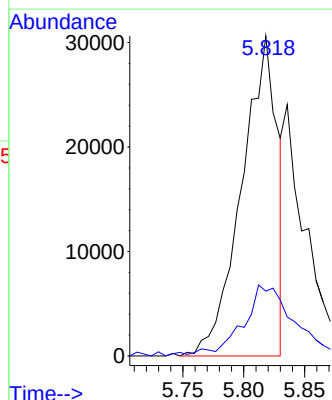
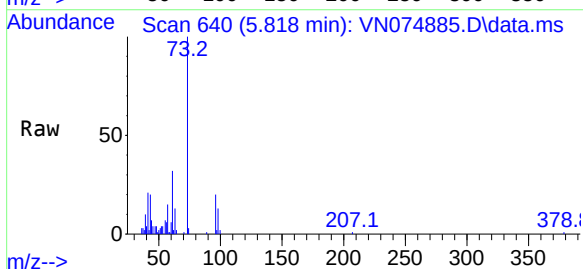
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

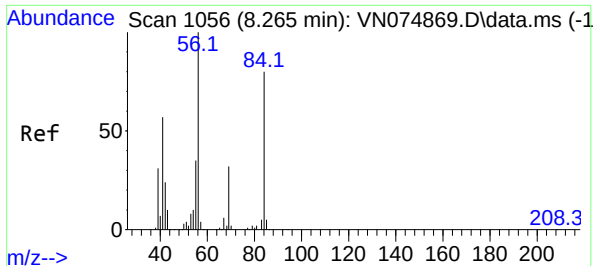
Tgt Ion: 59 Resp: 53480
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 3.723 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 73 Resp: 62673
Ion Ratio Lower Upper
73 100
43 29.8 15.6 23.4#

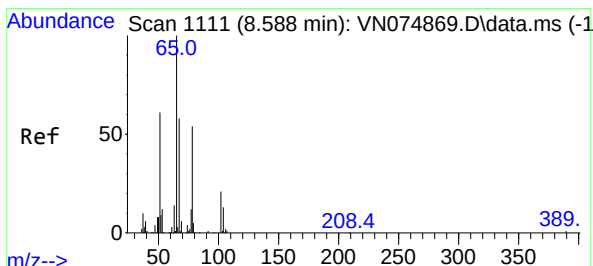
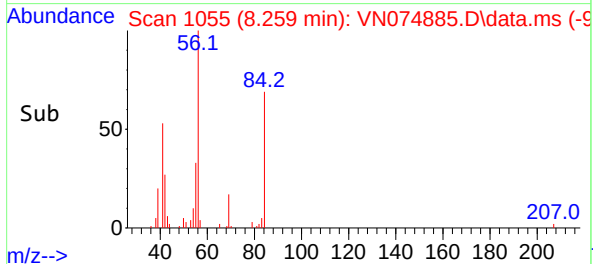
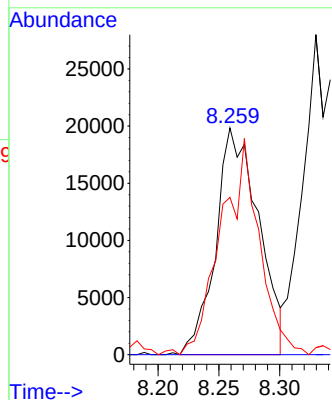
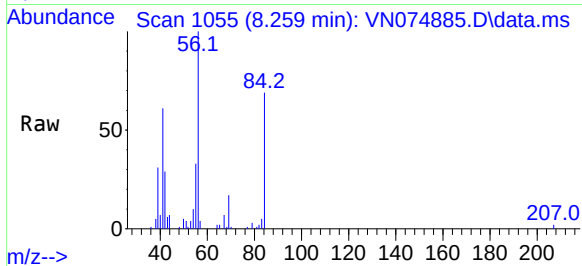




#26
Cyclohexane
Concen: 5.799 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

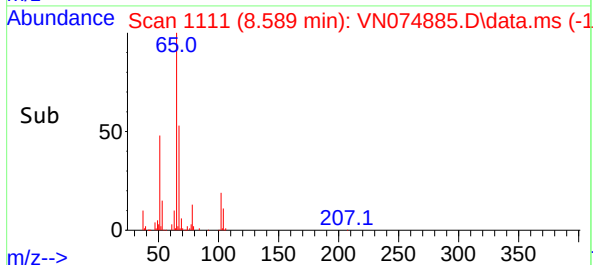
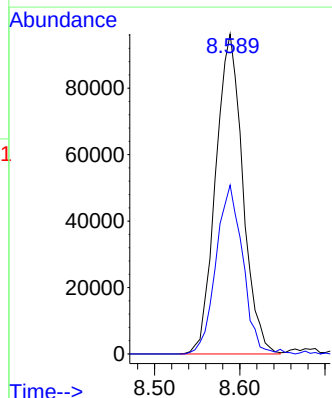
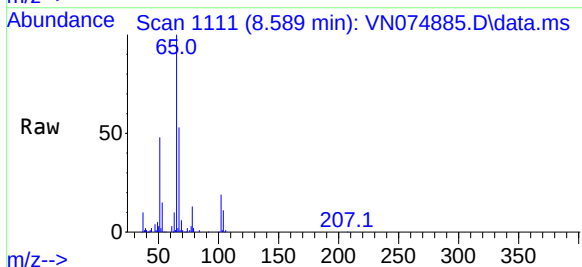
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

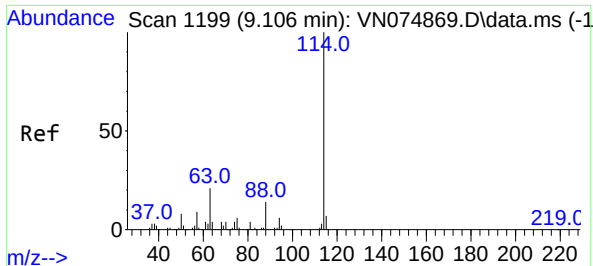
Tgt Ion: 56 Resp: 48543
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 42.8 68.4 102.6#



#27
1,2-Dichloroethane-d4
Concen: 34.488 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 65 Resp: 213230
Ion Ratio Lower Upper
65 100
67 51.7 45.2 67.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2022

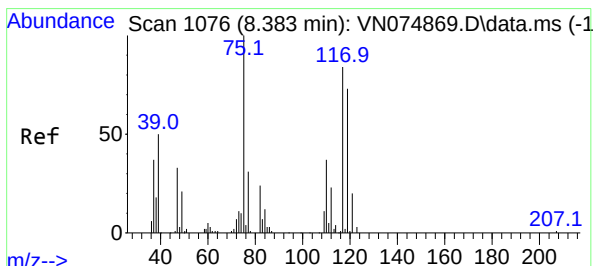
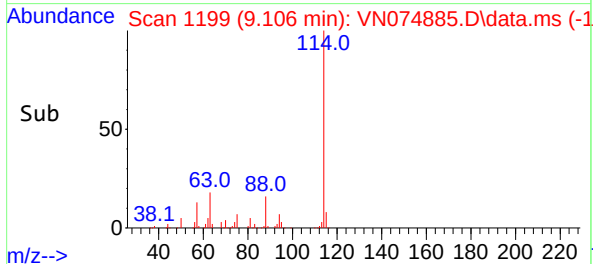
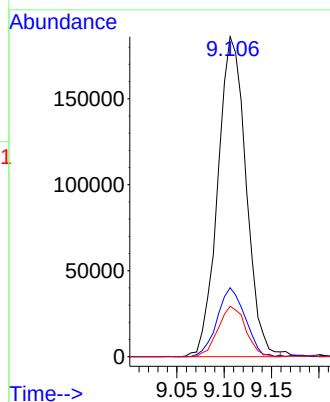
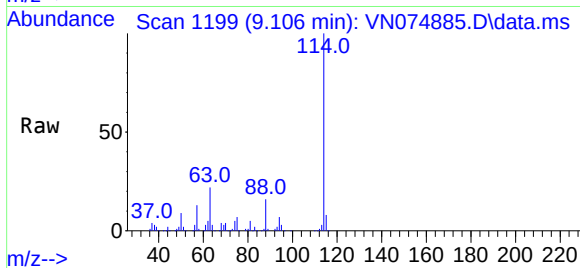
Tgt Ion:114 Resp: 386639

Ion Ratio Lower Upper

114 100

63 21.3 16.6 25.0

88 15.3 12.2 18.4



#29

1,1-Dichloropropene

Concen: 5.331 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

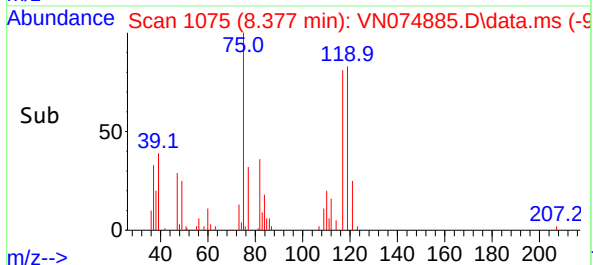
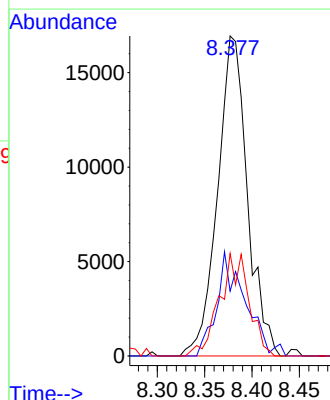
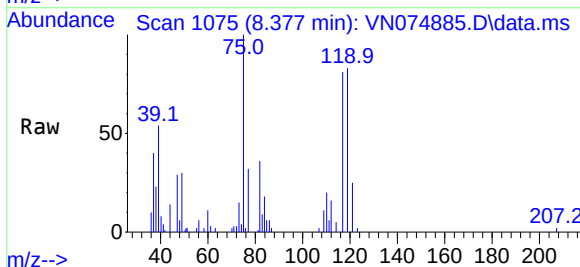
Tgt Ion: 75 Resp: 37191

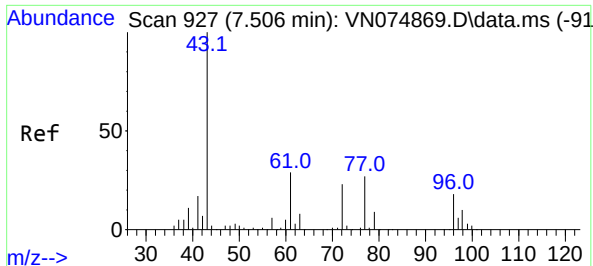
Ion Ratio Lower Upper

75 100

110 15.0 0.0 72.2

77 15.5 0.0 64.0

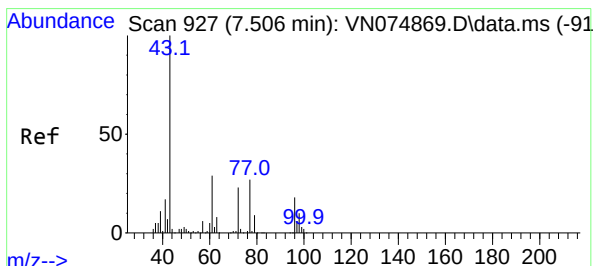
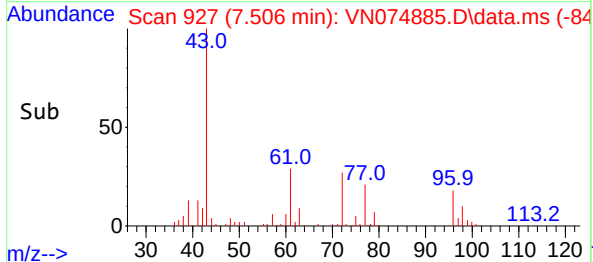
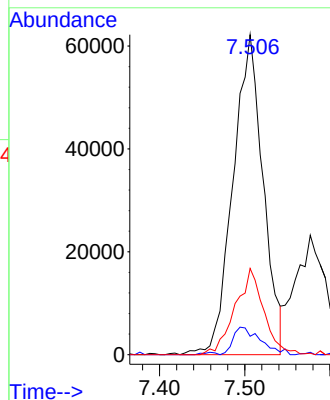
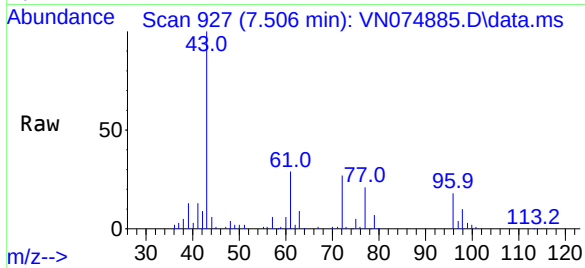




#30
2-Butanone
Concen: 27.456 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

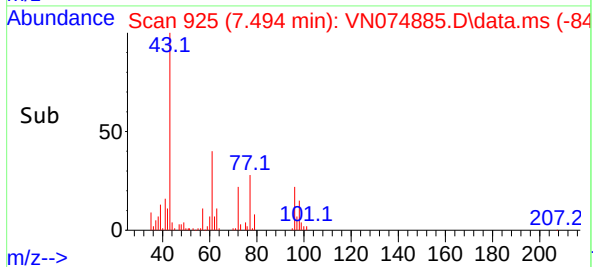
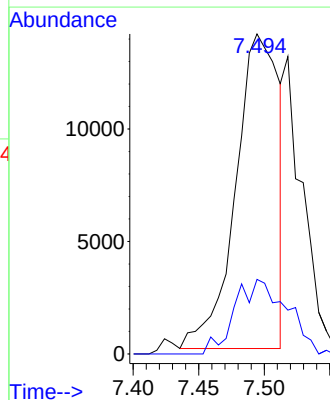
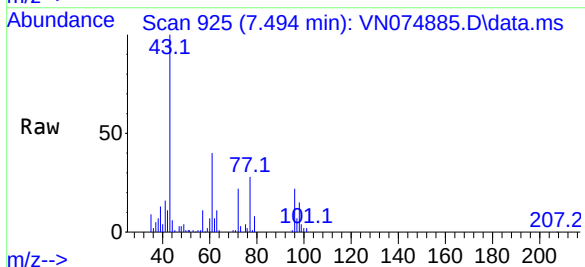
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

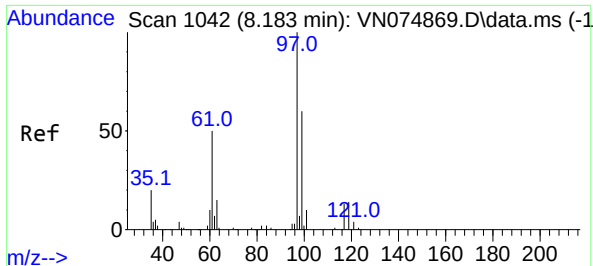
Tgt Ion: 43 Resp: 152824
Ion Ratio Lower Upper
43 100
57 7.5 6.3 9.5
72 24.8 21.0 31.4



#31
2,2-Dichloropropane
Concen: 3.744 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.012 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 77 Resp: 31972
Ion Ratio Lower Upper
77 100
97 18.2 18.4 27.6#

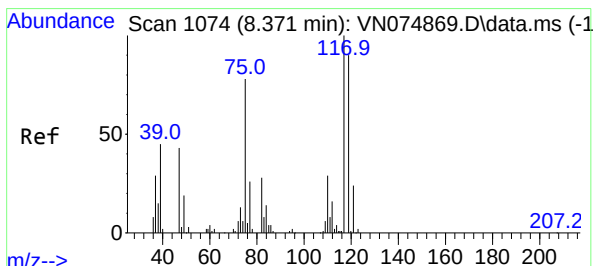
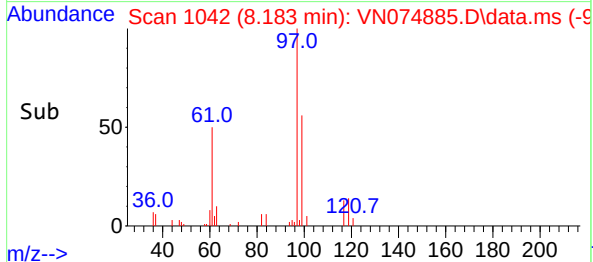
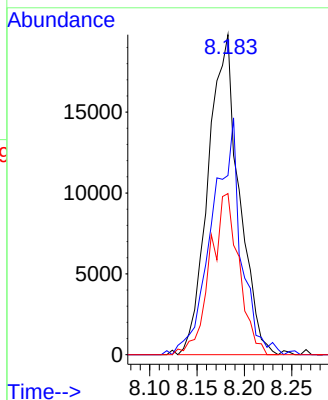
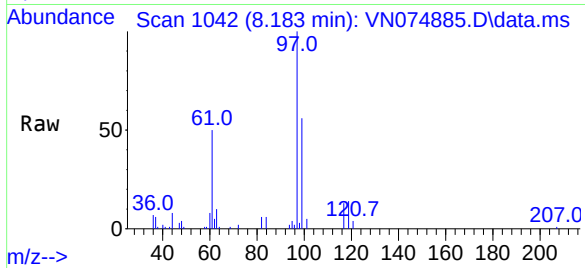




#32
1,1,1-Trichloroethane
Concen: 5.372 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

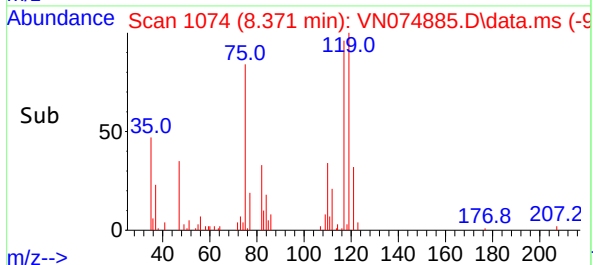
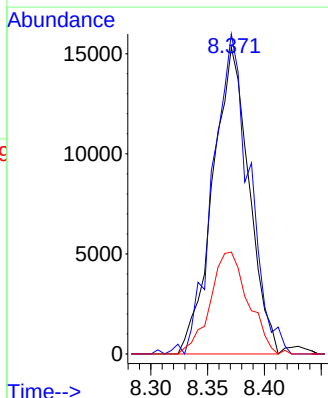
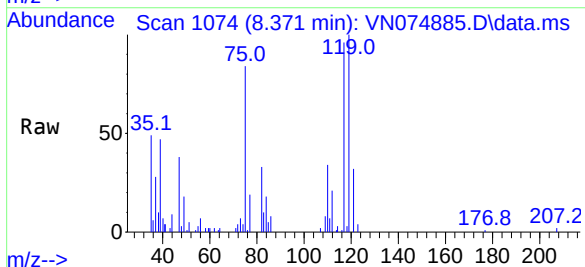
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

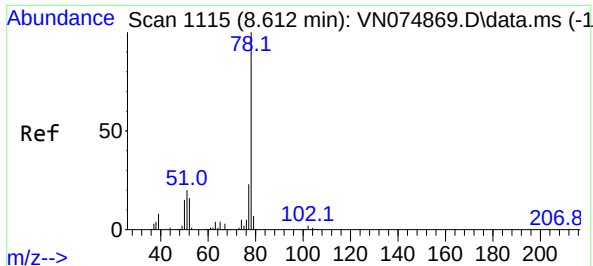
Tgt Ion: 97 Resp: 44940
Ion Ratio Lower Upper
97 100
99 35.0 50.0 75.0#
61 47.2 36.1 54.1



#33
Carbon Tetrachloride
Concen: 4.936 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 117 Resp: 33914
Ion Ratio Lower Upper
117 100
119 101.2 77.8 116.6
121 33.2 27.6 41.4

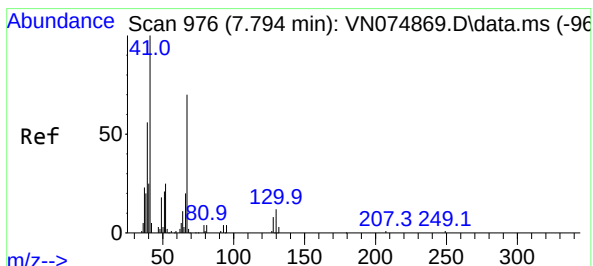
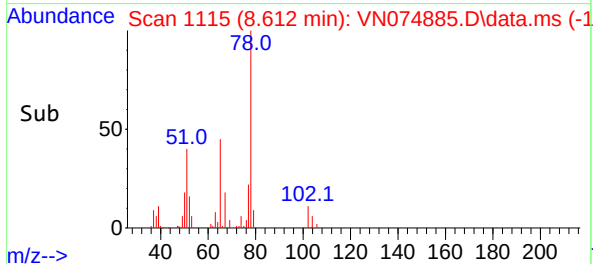
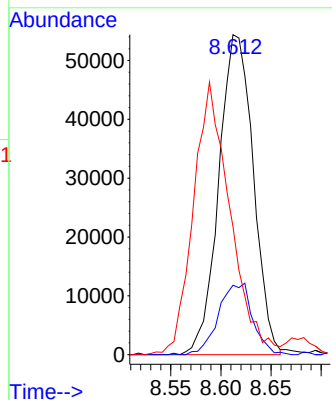
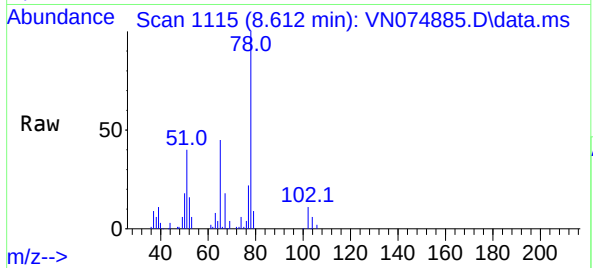




#34
Benzene
Concen: 5.638 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

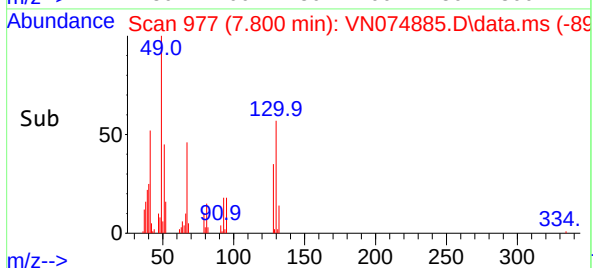
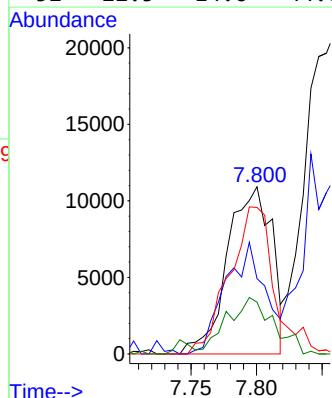
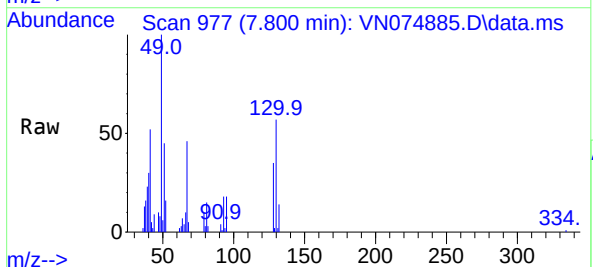
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

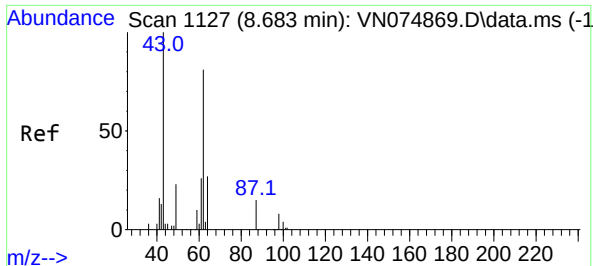
Tgt Ion: 78 Resp: 130014
Ion Ratio Lower Upper
78 100
77 21.7 19.9 29.9
51 37.5 21.1 31.7#



#35
Methacrylonitrile
Concen: 4.520 ug/l
RT: 7.800 min Scan# 977
Delta R.T. 0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 41 Resp: 25856
Ion Ratio Lower Upper
41 100
39 45.1 27.7 83.1
67 87.6 38.0 113.9
52 22.5 14.6 44.0





#36

1,2-Dichloroethane

Concen: 5.326 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Instrument :

MSVOA_N

ClientSampleId :

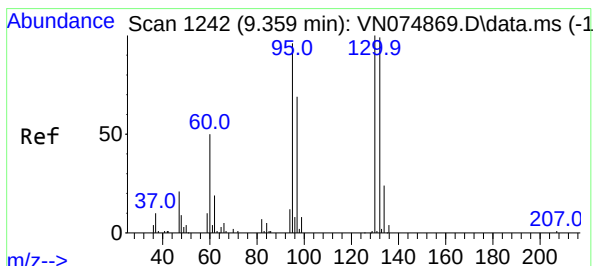
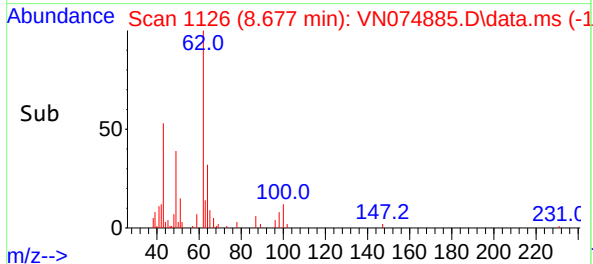
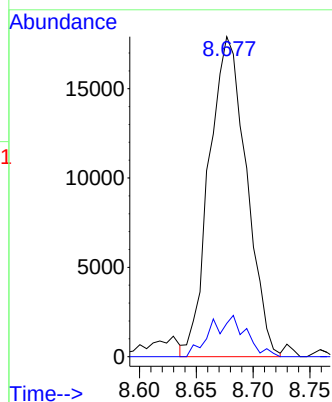
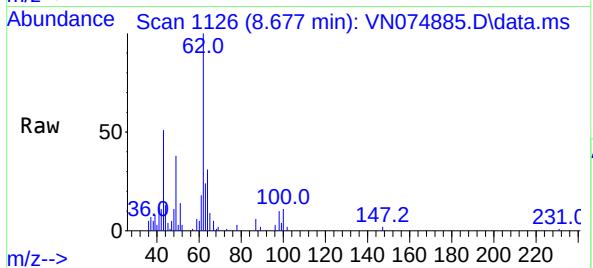
LOQ-WATER-02-QT4-2022

Tgt Ion: 62 Resp: 40897

Ion Ratio Lower Upper

62 100

98 6.9 7.4 11.2#



#37

Trichloroethene

Concen: 5.402 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VN074885.D

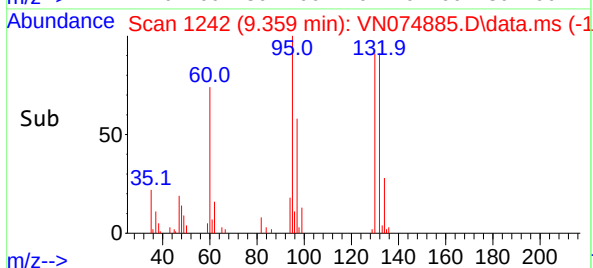
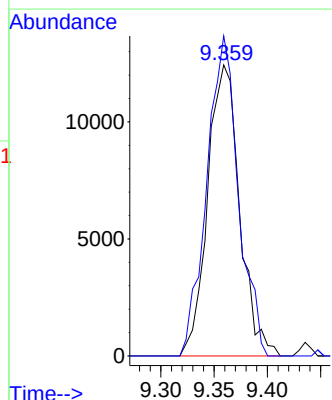
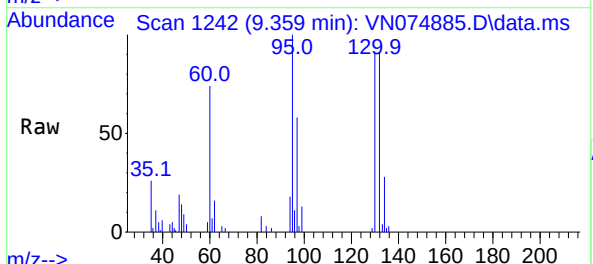
Acq: 12 Oct 2022 19:09

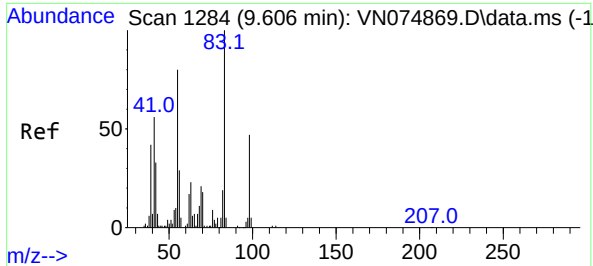
Tgt Ion:130 Resp: 25906

Ion Ratio Lower Upper

130 100

95 110.0 75.9 113.9

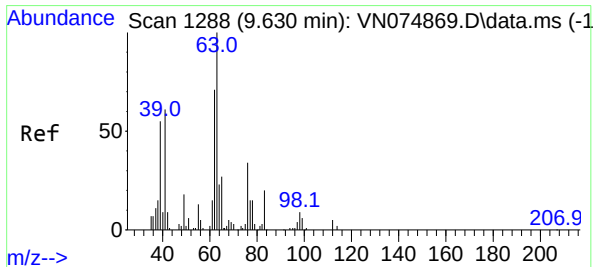
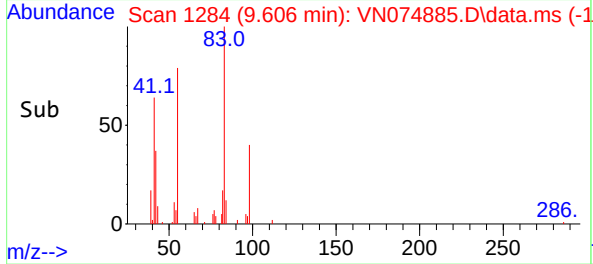
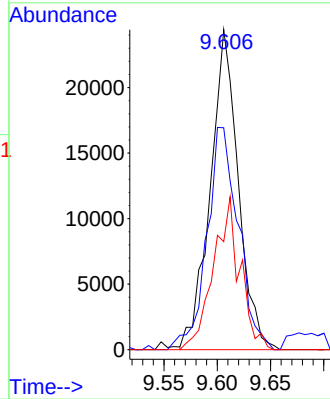
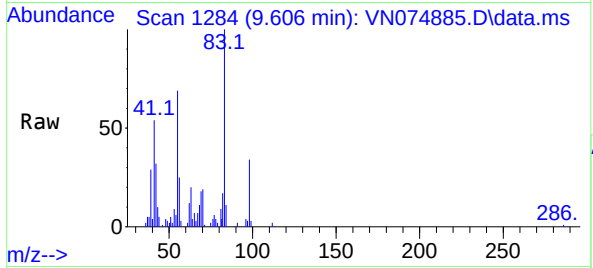




#38
Methylcyclohexane
Concen: 5.265 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

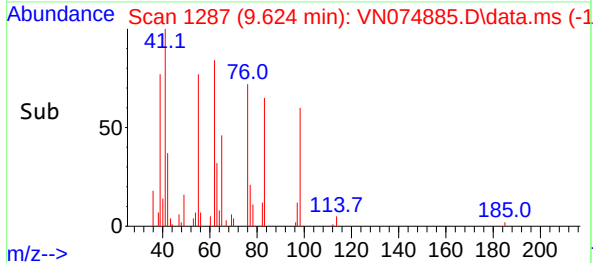
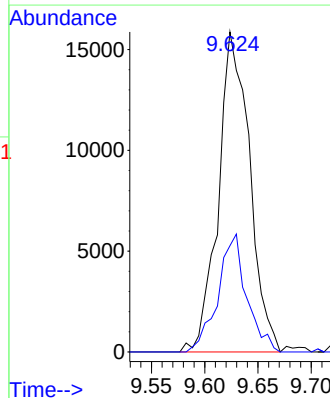
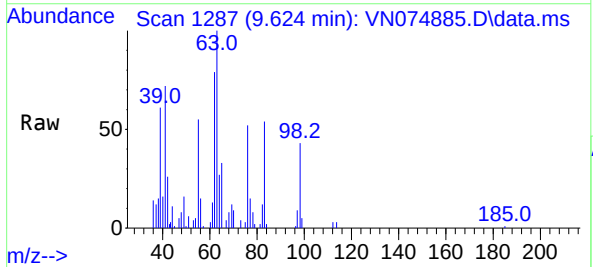
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

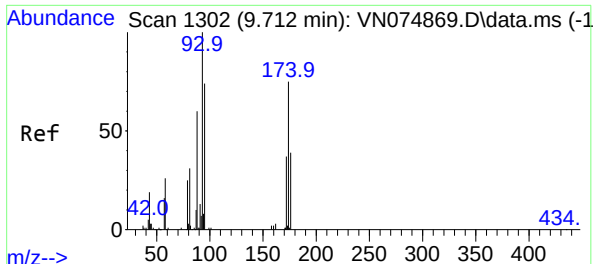
Tgt Ion:	83	Resp:	44625
Ion	Ratio	Lower	Upper
83	100		
55	78.0	37.4	112.2
98	45.5	24.5	73.5



#39
1,2-Dichloropropane
Concen: 5.415 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:	63	Resp:	32368
Ion	Ratio	Lower	Upper
63	100		
65	33.2	25.0	37.6

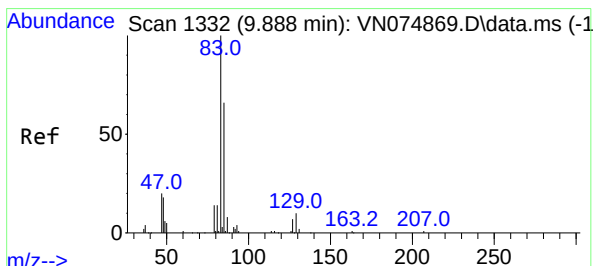
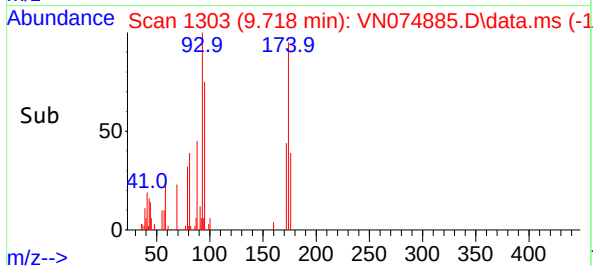
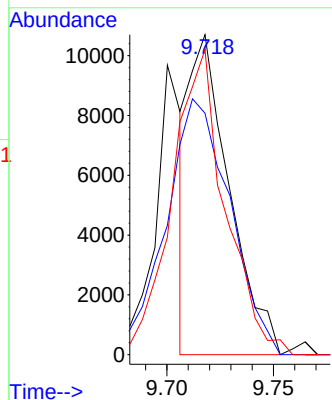
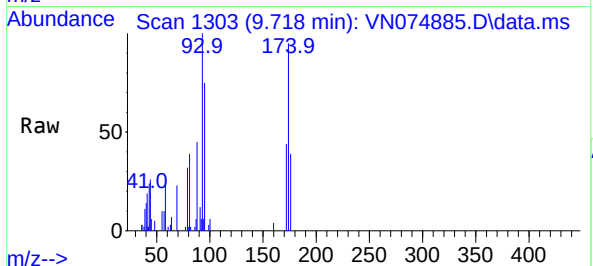




#40
Dibromomethane
Concen: 3.537 ug/l
RT: 9.718 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

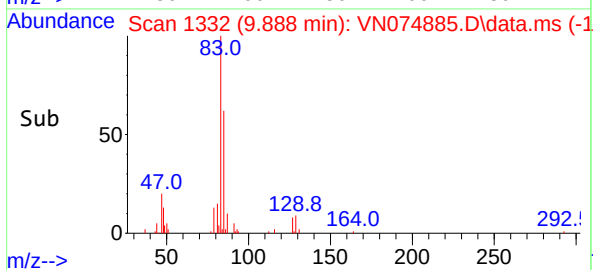
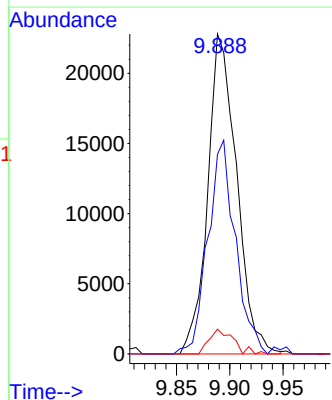
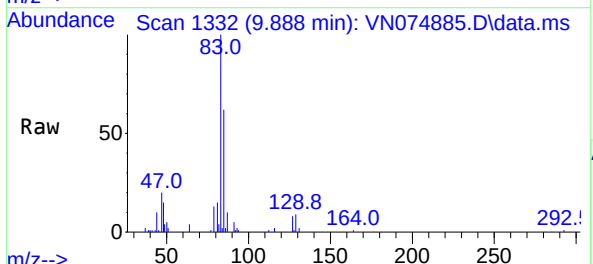
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

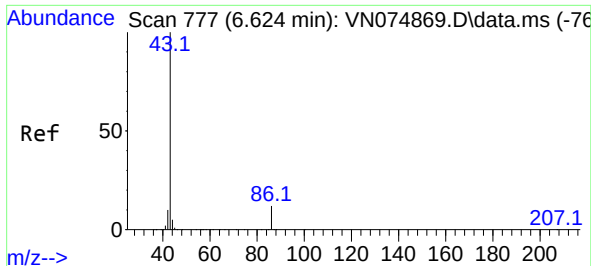
Tgt Ion:	93	Resp:	14013
Ion	Ratio	Lower	Upper
93	100		
95	127.3	0.0	168.0
174	126.3	0.0	158.4



#41
Bromodichloromethane
Concen: 5.578 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:	83	Resp:	43034
Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.2	75.4
127	7.8	5.1	7.7#

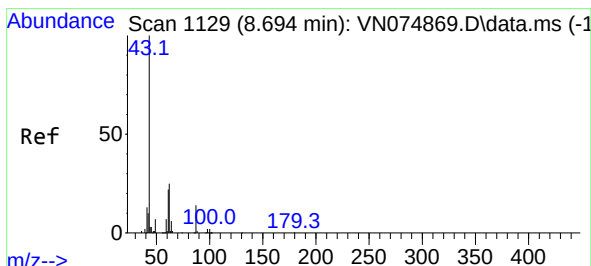
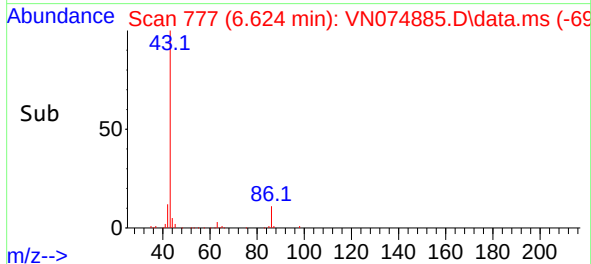
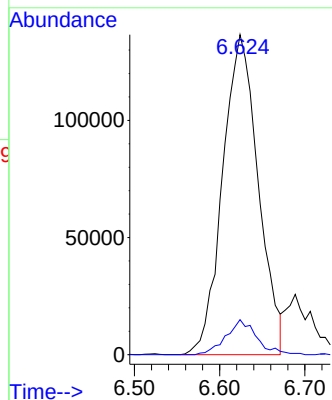
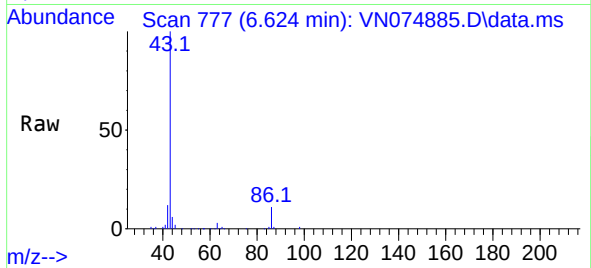




#42
 Vinyl Acetate
 Concen: 23.931 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074885.D
 Acq: 12 Oct 2022 19:09

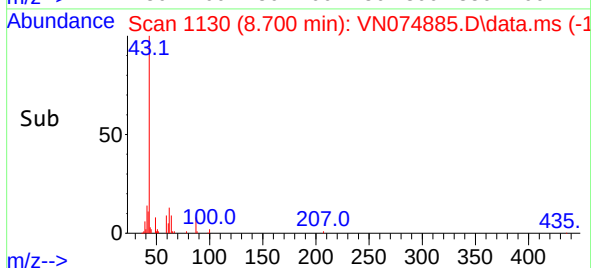
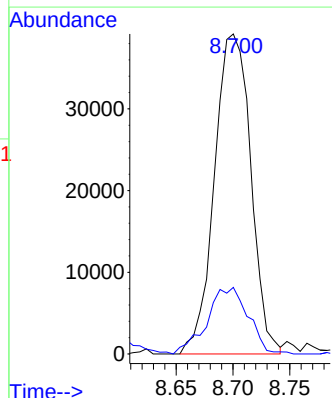
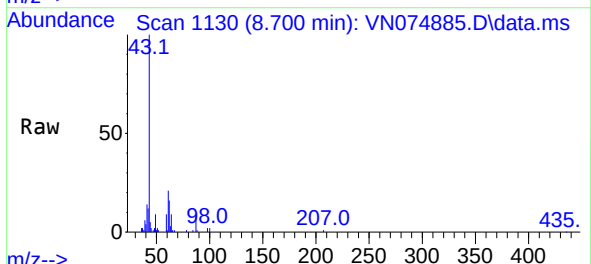
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

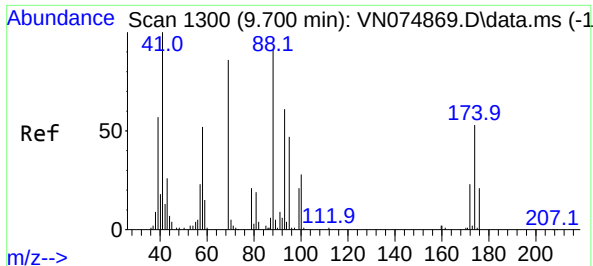
Tgt Ion: 43 Resp: 396785
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.5 11.3



#44
 Isopropyl Acetate
 Concen: 5.215 ug/l
 RT: 8.700 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VN074885.D
 Acq: 12 Oct 2022 19:09

Tgt Ion: 43 Resp: 87281
 Ion Ratio Lower Upper
 43 100
 61 23.3 19.5 29.3

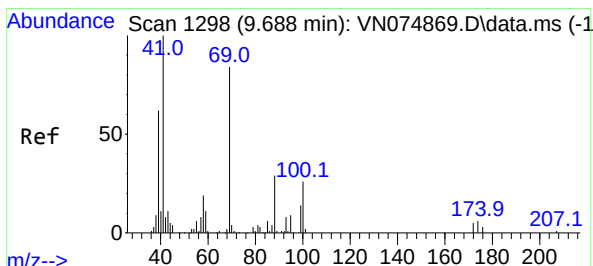
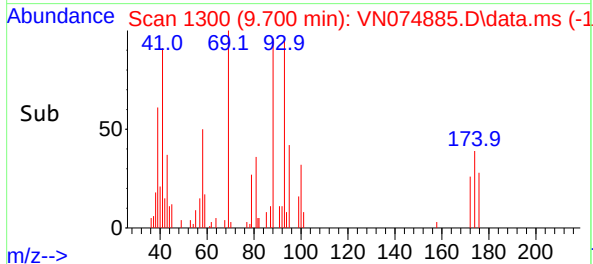
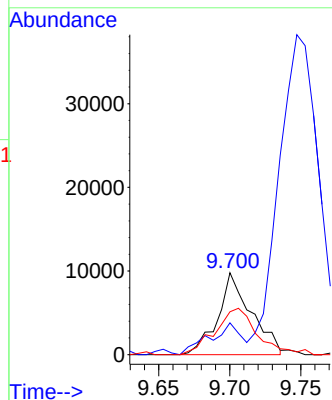
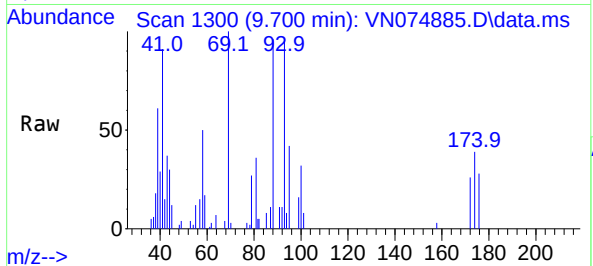




#45
1,4-Dioxane
Concen: 104.478 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

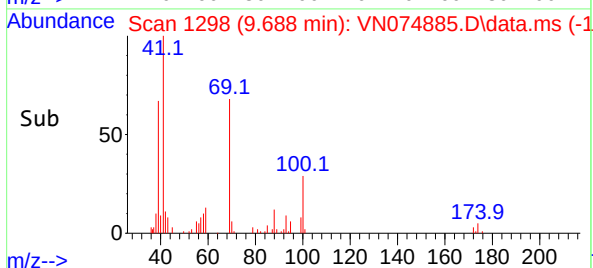
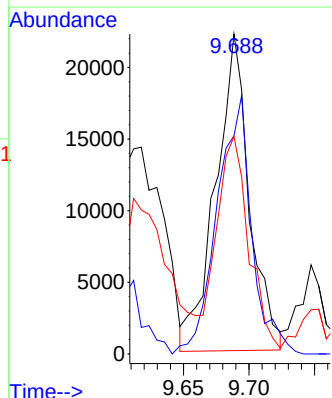
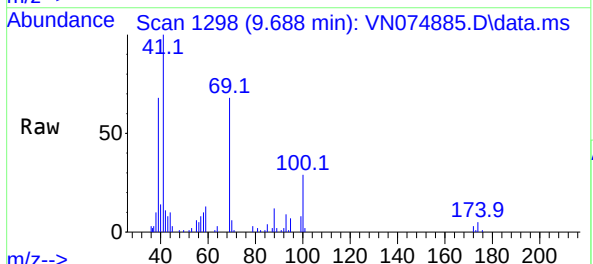
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

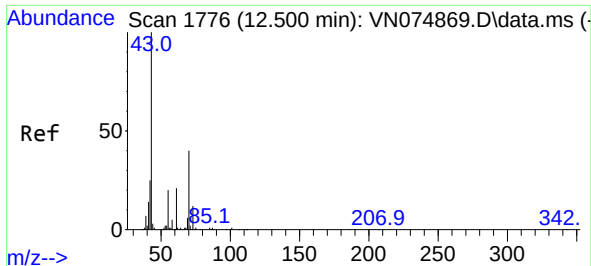
Tgt Ion: 88 Resp: 16033
Ion Ratio Lower Upper
88 100
43 9.5 25.7 38.5#
58 70.3 53.4 80.2



#46
Methyl methacrylate
Concen: 5.451 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 41 Resp: 39512
Ion Ratio Lower Upper
41 100
69 70.5 45.6 136.7
39 71.1 32.3 96.9

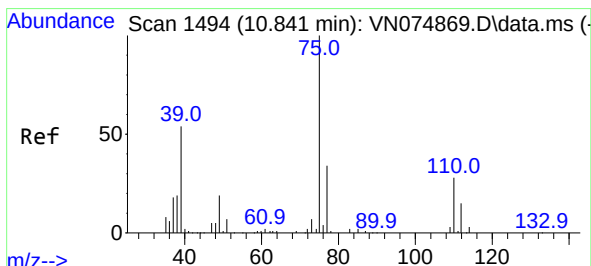
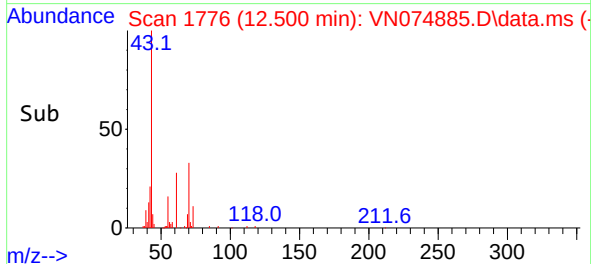
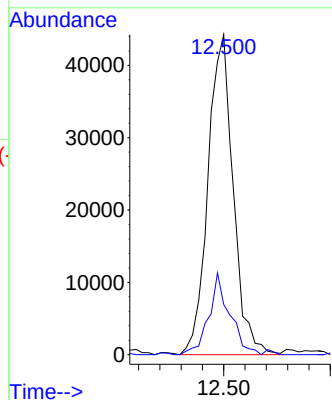
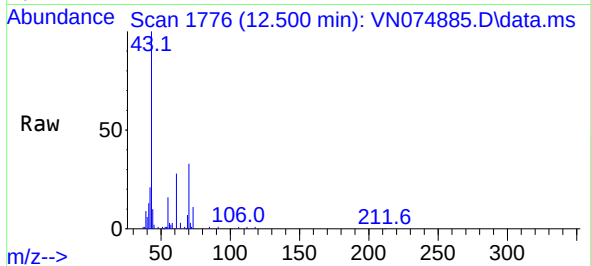




#47
n-amy1 Acetate
Concen: 4.973 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

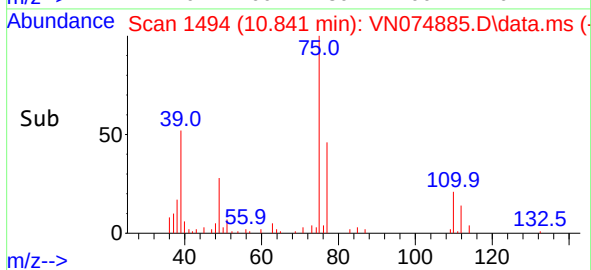
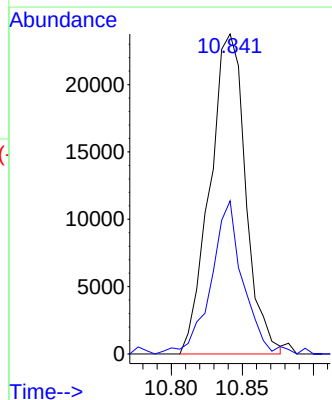
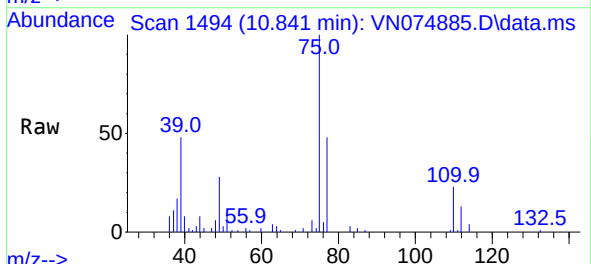
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

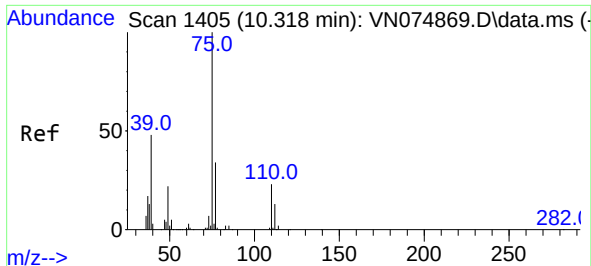
Tgt Ion: 43 Resp: 72819
Ion Ratio Lower Upper
43 100
55 21.1 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 4.688 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 75 Resp: 41496
Ion Ratio Lower Upper
75 100
77 46.4 25.8 38.8#





#49

cis-1,3-Dichloropropene

Concen: 4.733 ug/l

RT: 10.312 min Scan# 1404

Delta R.T. -0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2022

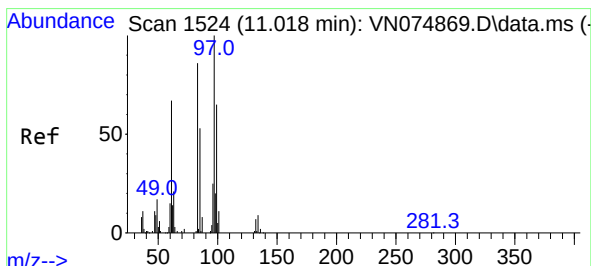
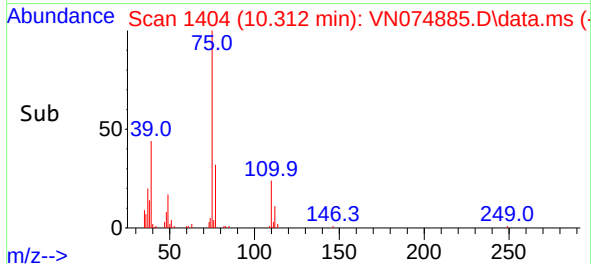
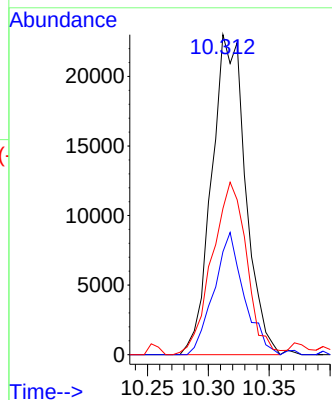
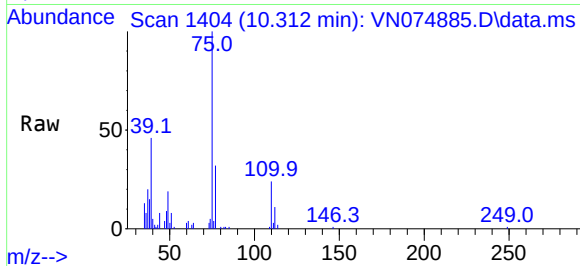
Tgt Ion: 75 Resp: 44426

Ion Ratio Lower Upper

75 100

77 32.2 22.5 33.7

39 44.9 37.6 56.4



#50

1,1,2-Trichloroethane

Concen: 5.252 ug/l

RT: 11.018 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Tgt Ion: 97 Resp: 30618

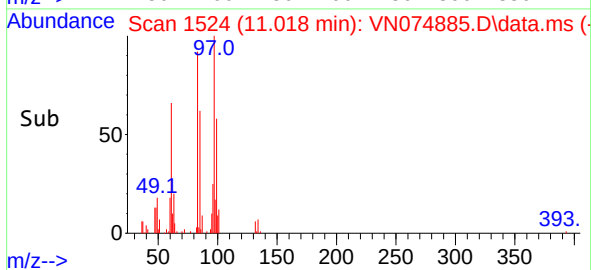
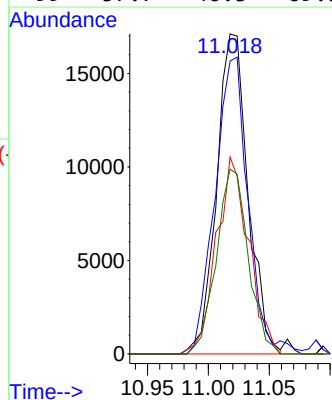
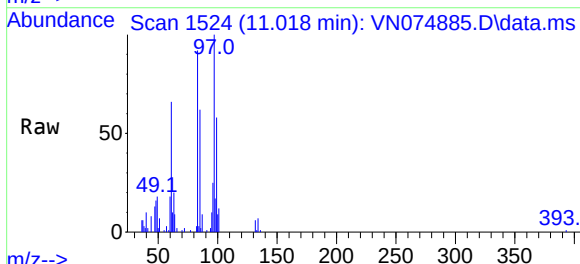
Ion Ratio Lower Upper

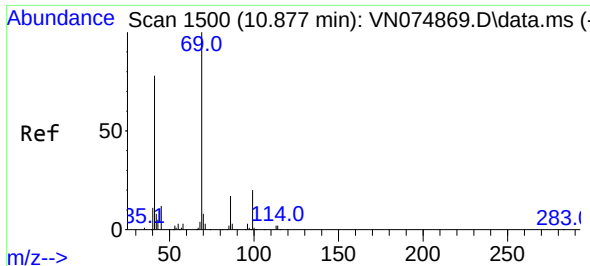
97 100

83 91.6 69.2 103.8

85 61.5 41.4 62.2

99 57.7 46.3 69.5

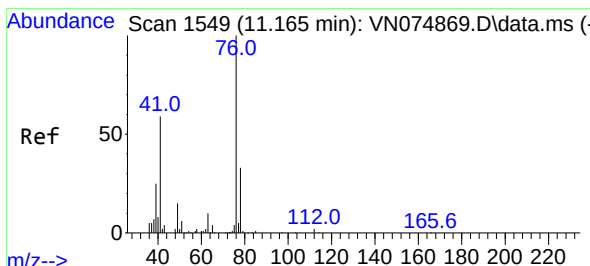
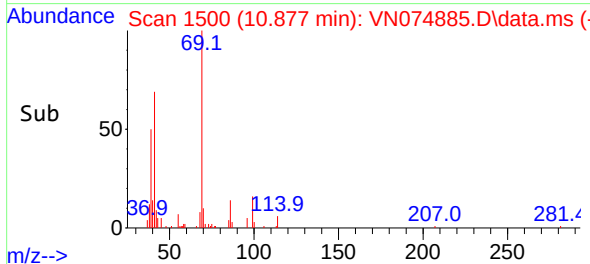
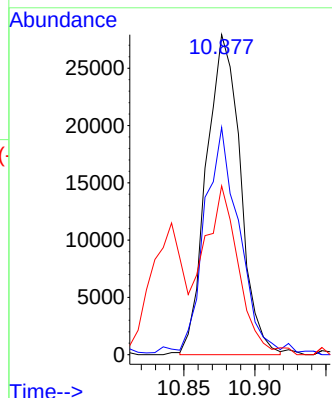
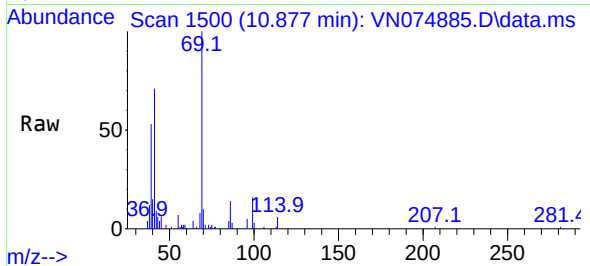




#51
Ethyl methacrylate
Concen: 4.680 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

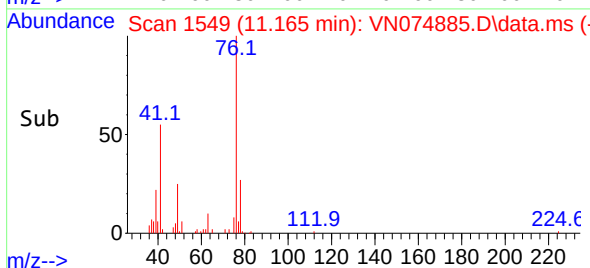
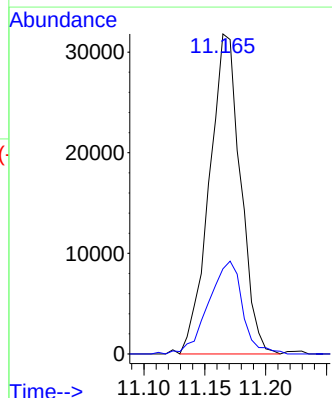
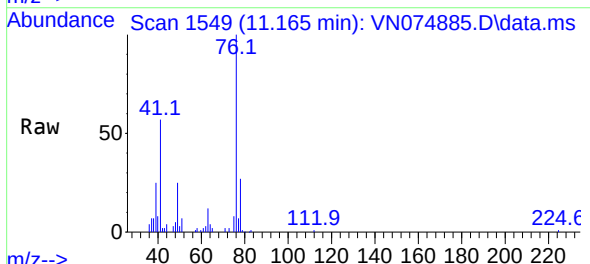
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

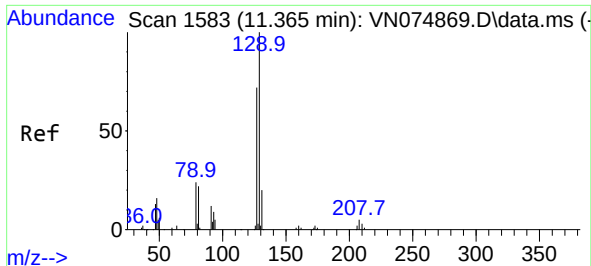
Tgt Ion: 69 Resp: 46390
Ion Ratio Lower Upper
69 100
41 70.1 32.5 97.5
39 50.9 21.5 64.5



#52
1,3-Dichloropropane
Concen: 5.630 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 76 Resp: 56643
Ion Ratio Lower Upper
76 100
78 31.5 0.0 63.8

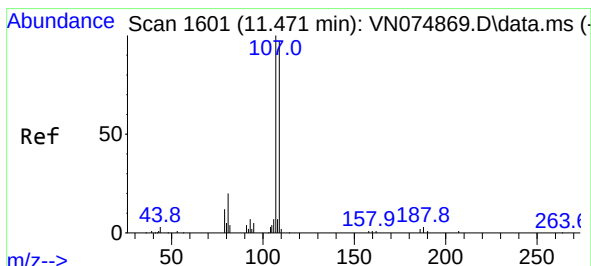
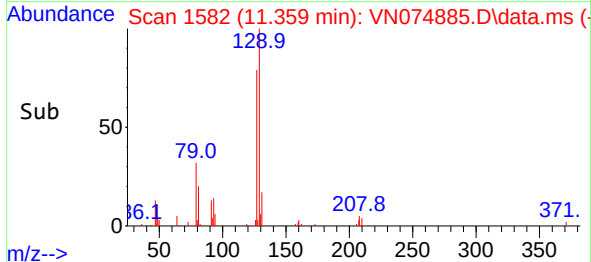
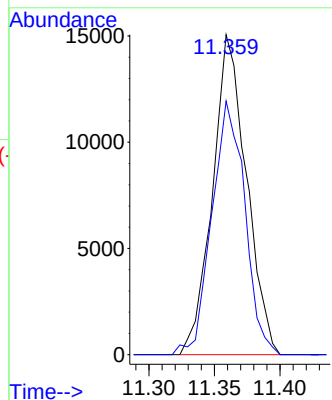
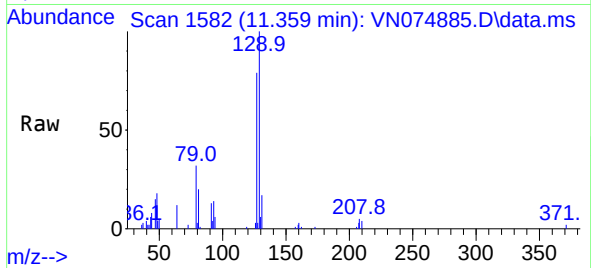




#53
Dibromochloromethane
Concen: 4.744 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

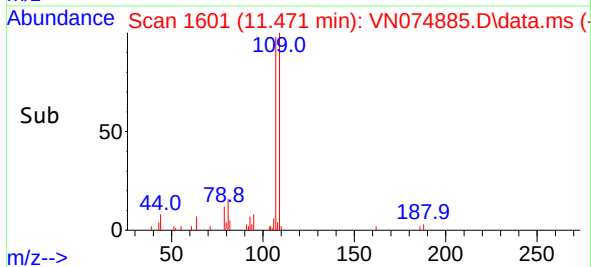
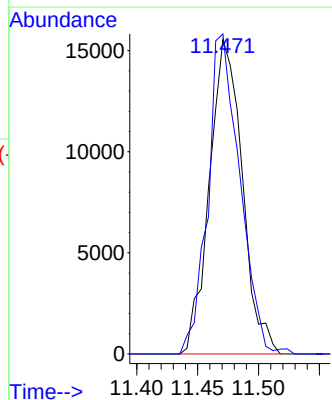
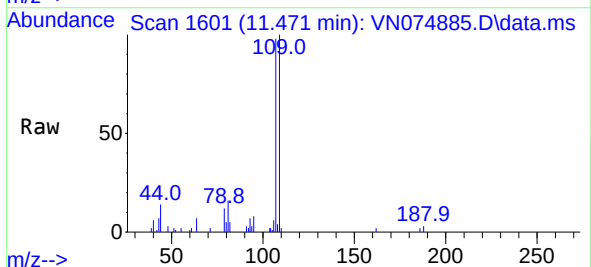
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

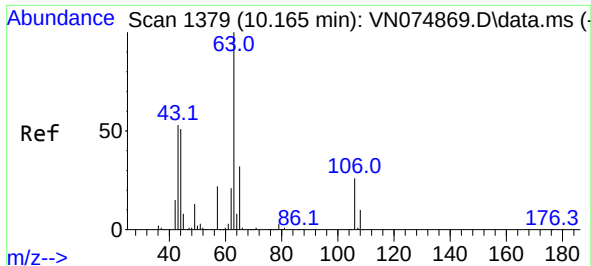
Tgt Ion:129 Resp: 27092
Ion Ratio Lower Upper
129 100
127 75.9 40.6 121.7



#54
1,2-Dibromoethane
Concen: 5.211 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:107 Resp: 29185
Ion Ratio Lower Upper
107 100
109 98.6 76.2 114.2

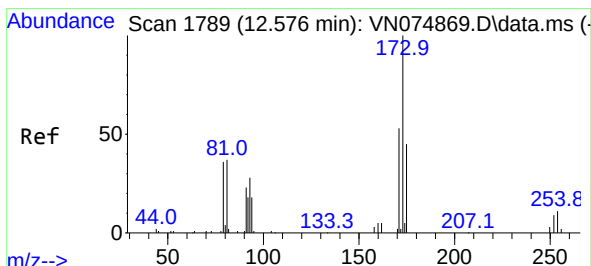
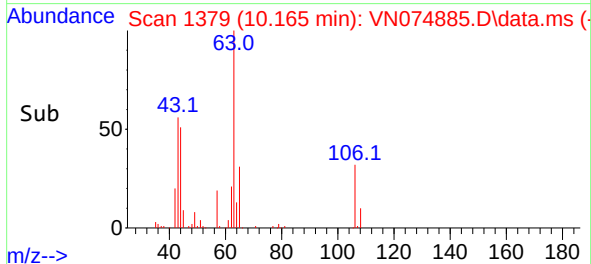
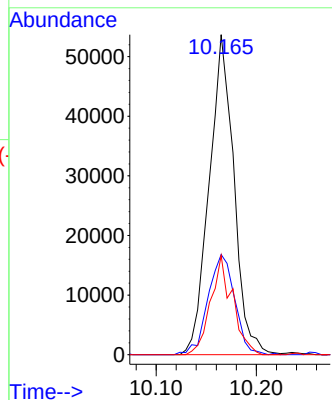
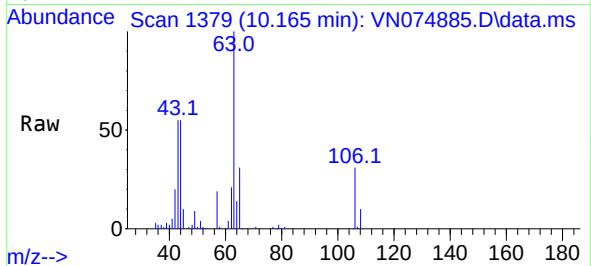




#55
2-Chloroethyl vinyl ether
Concen: 23.732 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

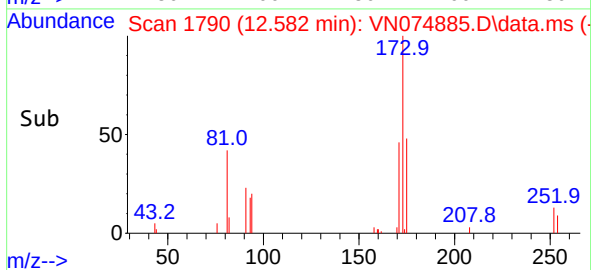
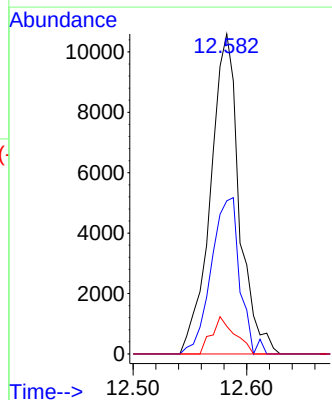
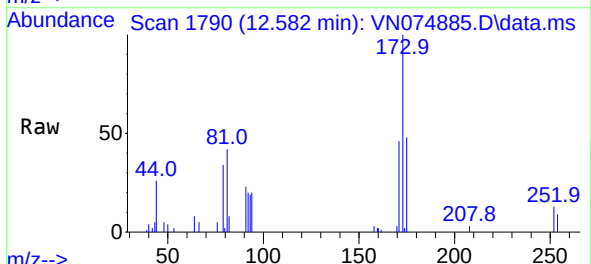
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

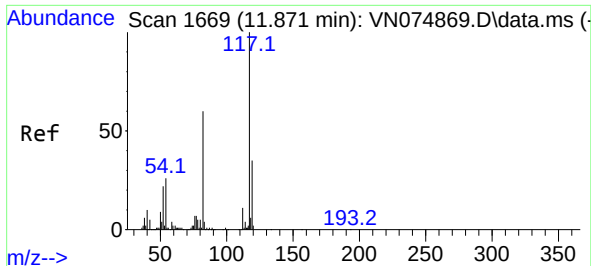
Tgt Ion:	63	Resp:	92018
Ion	Ratio	Lower	Upper
63	100		
65	33.7	24.6	36.8
106	27.5	21.3	31.9



#56
Bromoform
Concen: 4.535 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:	173	Resp:	18664
Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.1	58.7
254	9.3	7.0	10.6

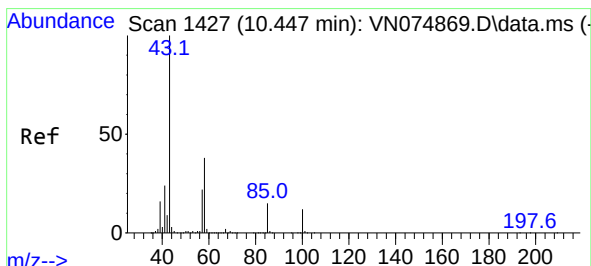
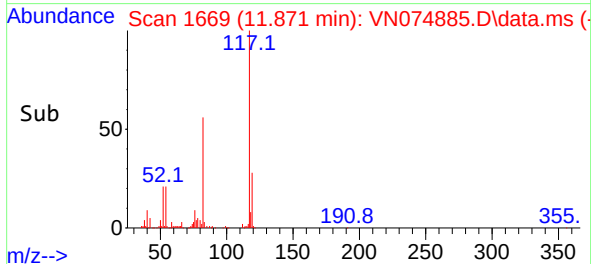
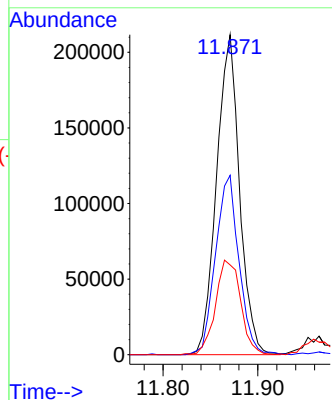
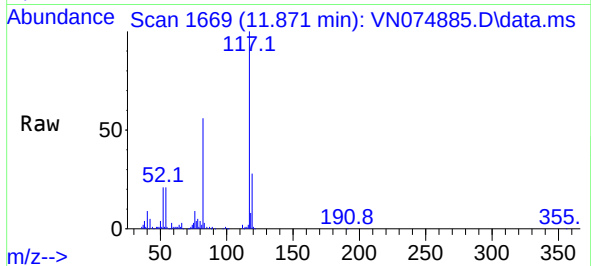




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

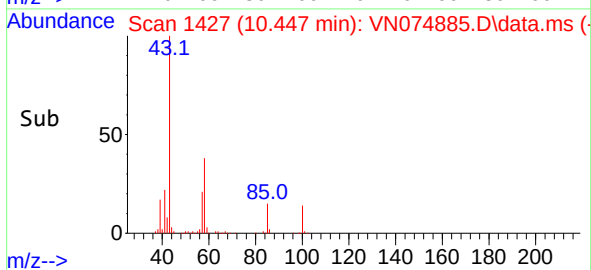
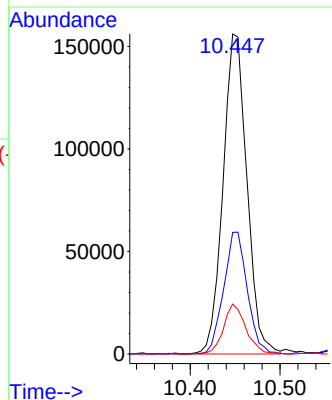
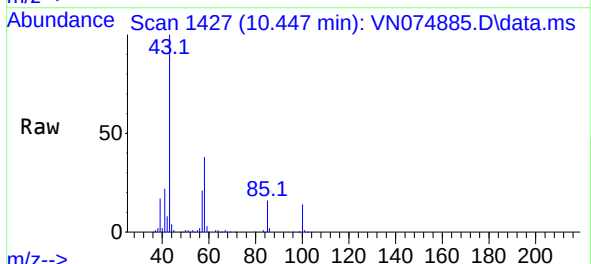
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

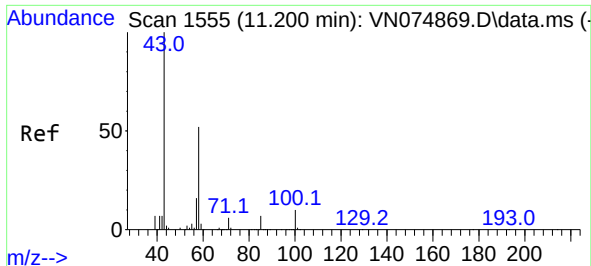
Tgt Ion:117 Resp: 357239
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.2 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 25.987 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 43 Resp: 288724
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2
85 14.7 13.3 19.9

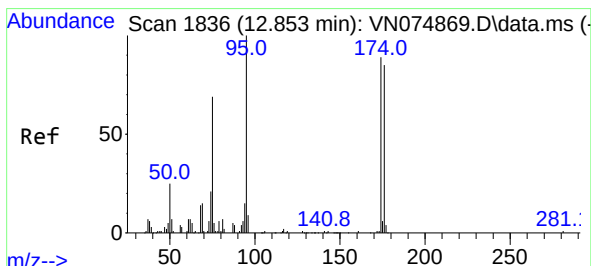
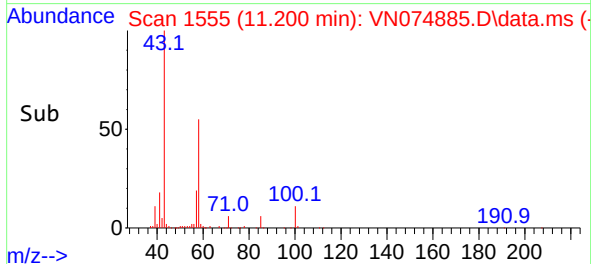
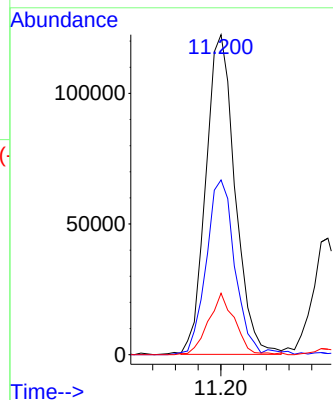
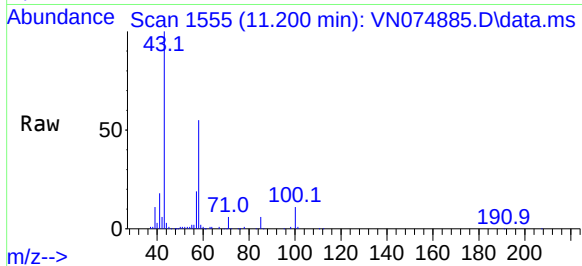




#59
2-Hexanone
Concen: 25.586 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

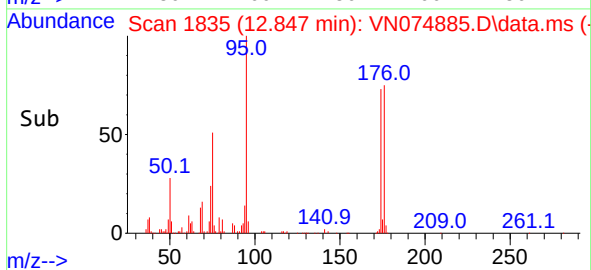
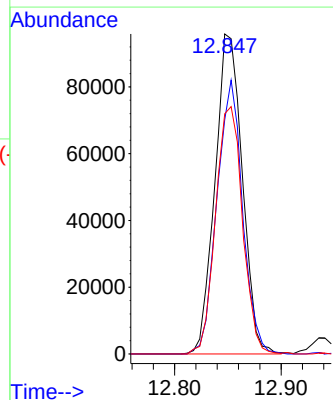
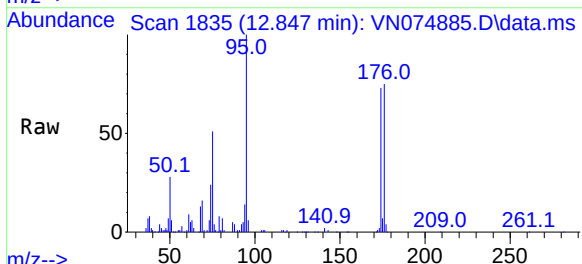
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

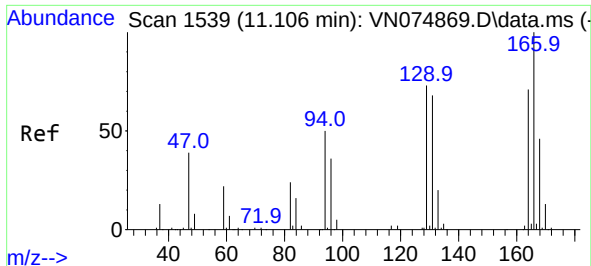
Tgt Ion: 43 Resp: 218773
Ion Ratio Lower Upper
43 100
58 51.7 43.6 65.4
57 17.1 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 26.928 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 95 Resp: 170596
Ion Ratio Lower Upper
95 100
174 80.3 57.8 86.8
176 76.2 57.0 85.4



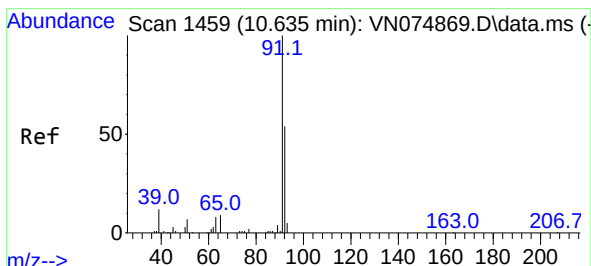
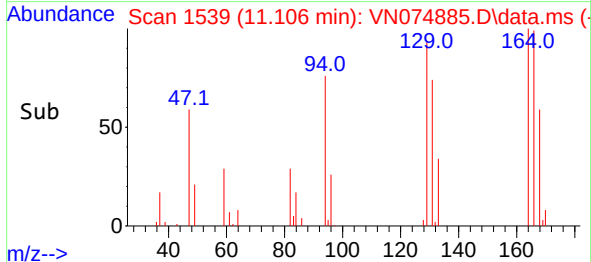
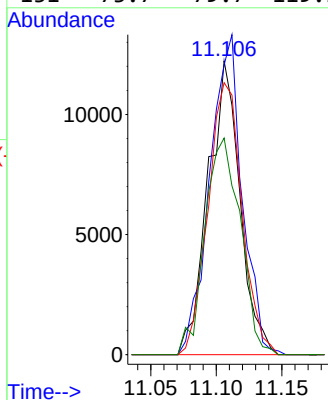
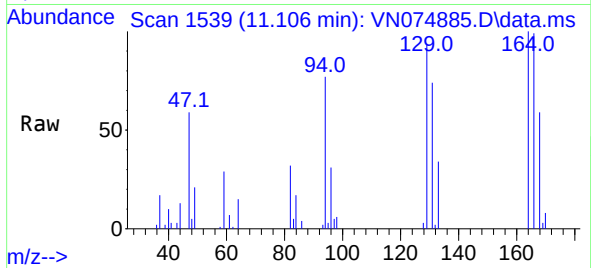


#61
Tetrachloroethene
Concen: 5.432 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:164 Resp: 20689

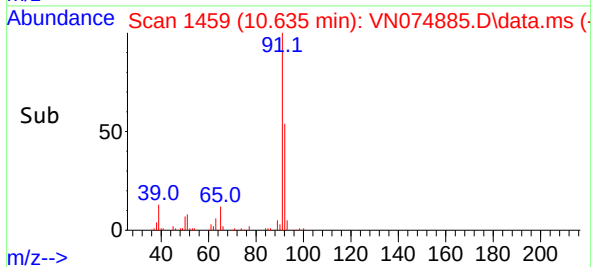
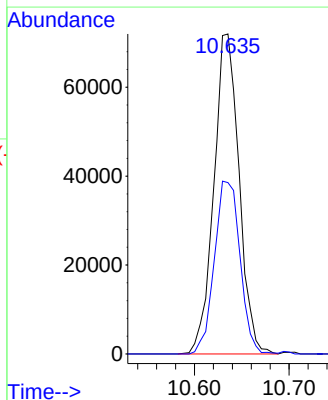
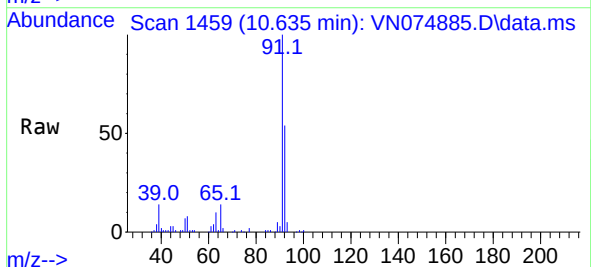
Ion	Ratio	Lower	Upper
164	100		
166	98.6	99.6	149.4#
129	92.6	84.0	126.0
131	73.7	79.7	119.5#

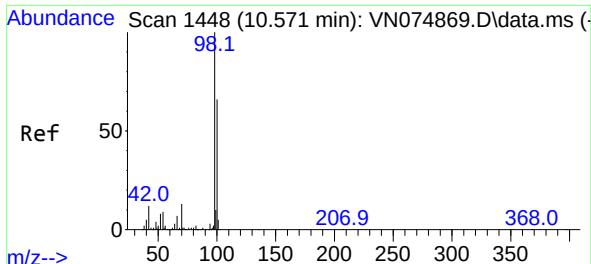


#62
Toluene
Concen: 5.399 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 91 Resp: 133244

Ion	Ratio	Lower	Upper
91	100		
92	54.8	46.0	69.0

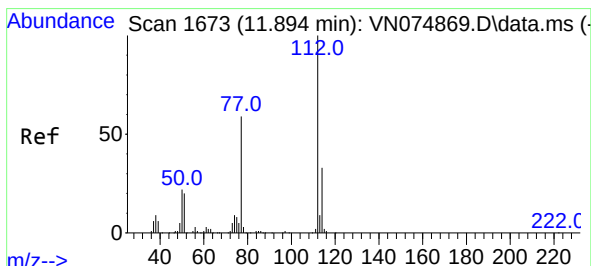
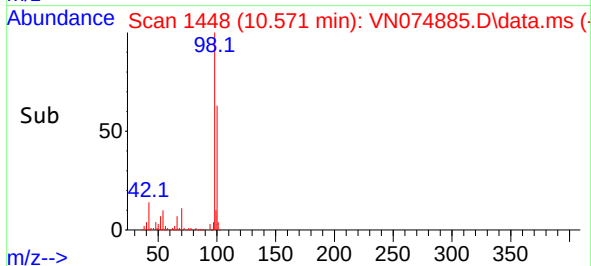
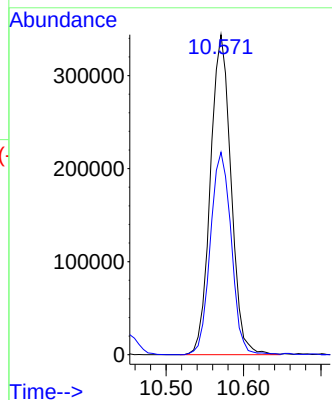
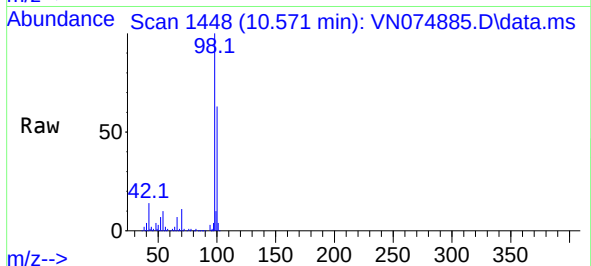




#63
Toluene-d8
Concen: 30.796 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

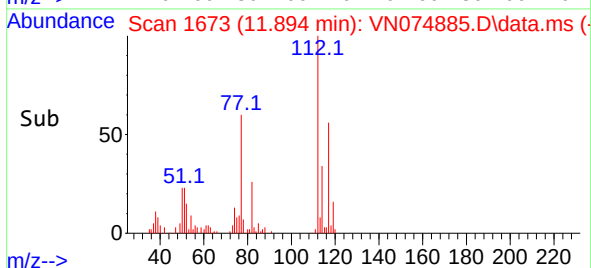
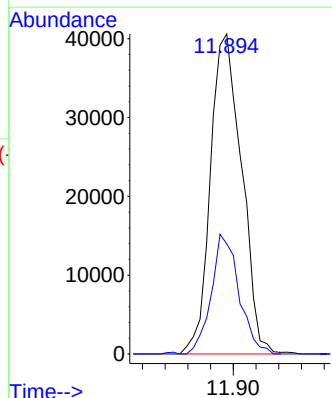
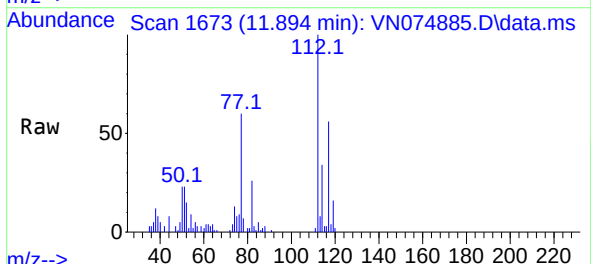
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

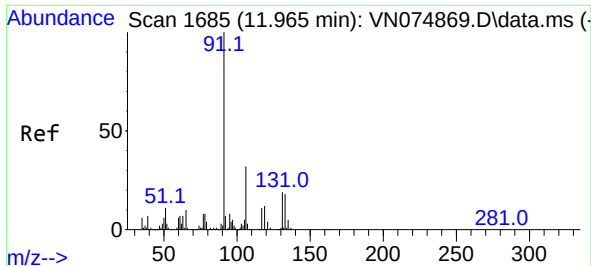
Tgt Ion: 98 Resp: 634952
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#64
Chlorobenzene
Concen: 5.515 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 112 Resp: 77374
Ion Ratio Lower Upper
112 100
114 34.4 24.7 37.1

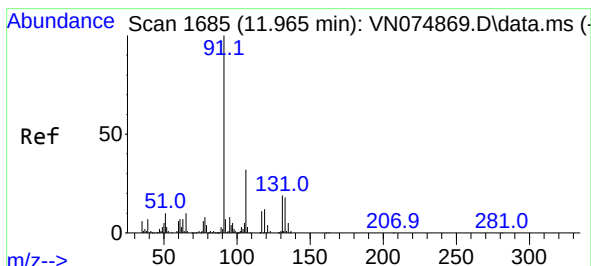
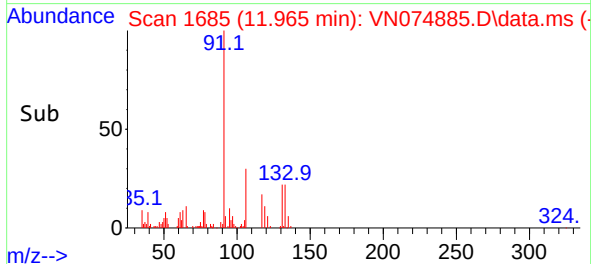
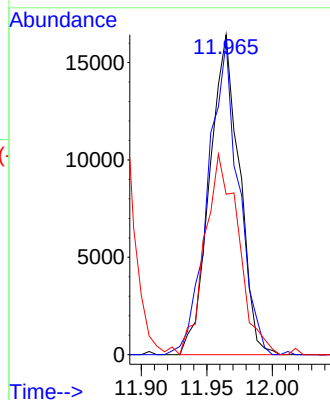
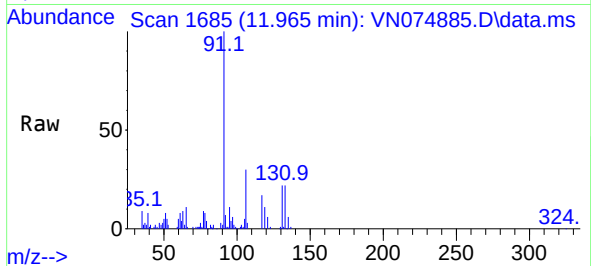




#65
1,1,1,2-Tetrachloroethane
Concen: 4.909 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

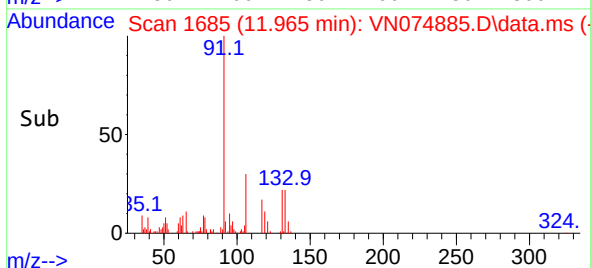
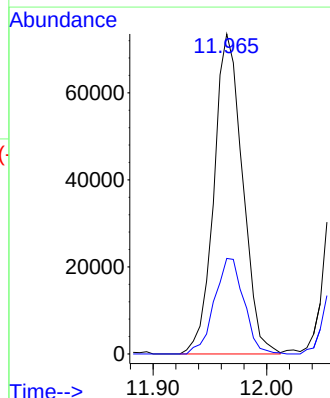
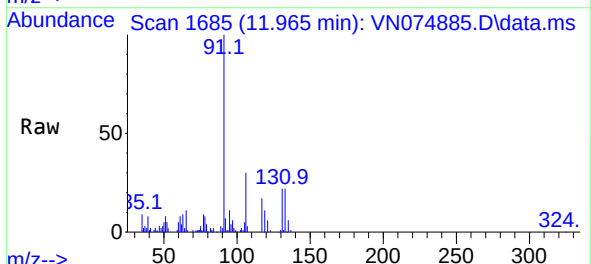
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

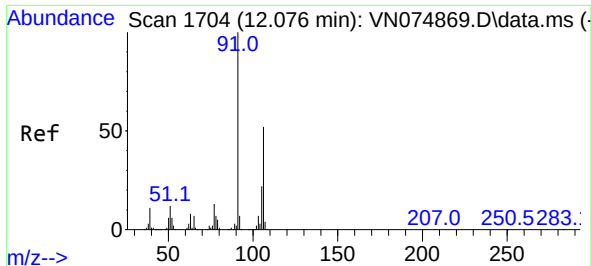
Tgt Ion:	131	Resp:	25939
Ion	Ratio	Lower	Upper
131	100		
133	101.0	0.0	191.8
119	70.9	0.0	135.8



#66
Ethyl Benzene
Concen: 4.793 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:	91	Resp:	128634
Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.1	36.1





#67

m/p-Xylenes

Concen: 9.552 ug/l

RT: 12.077 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Instrument :

MSVOA_N

ClientSampleId :

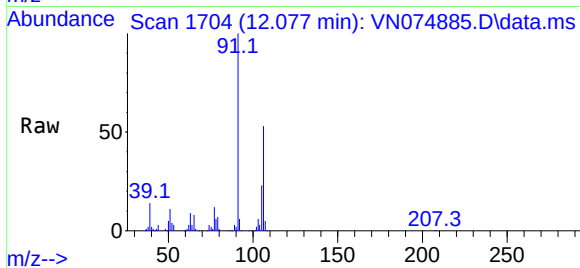
LOQ-WATER-02-QT4-2022

Tgt Ion:106 Resp: 96303

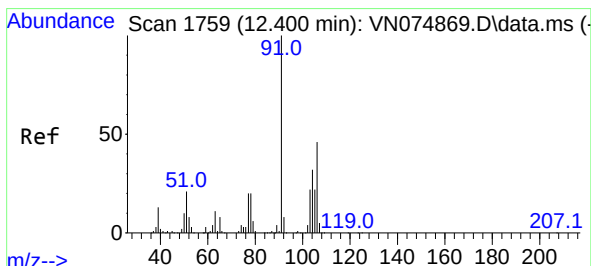
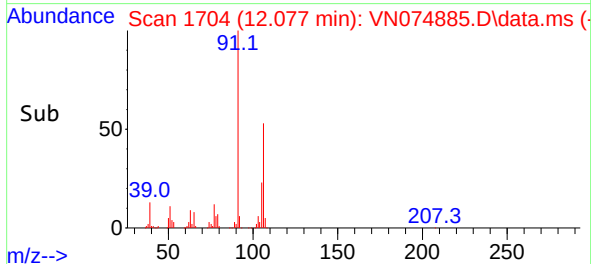
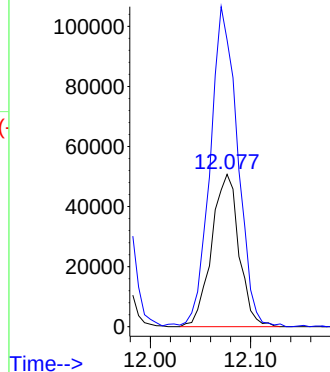
Ion Ratio Lower Upper

106 100

91 210.1 164.2 246.4



Abundance



#68

o-Xylene

Concen: 5.209 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074885.D

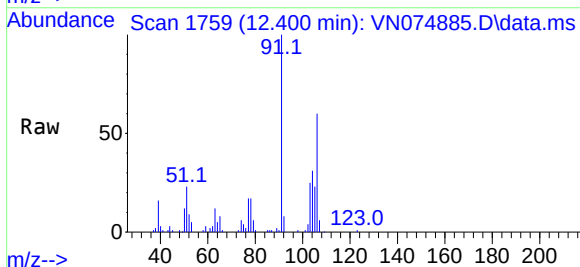
Acq: 12 Oct 2022 19:09

Tgt Ion:106 Resp: 53381

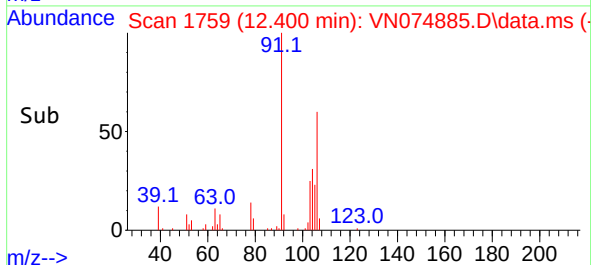
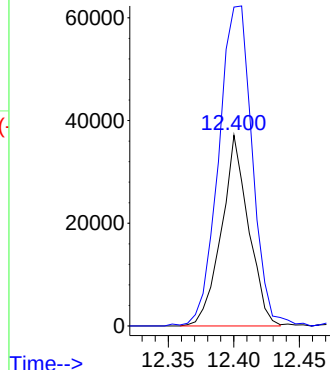
Ion Ratio Lower Upper

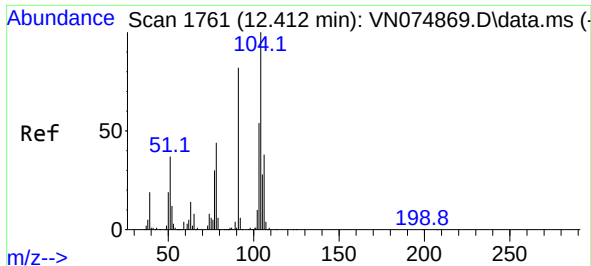
106 100

91 206.2 108.5 325.5



Abundance





#69

Styrene

Concen: 4.390 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2022

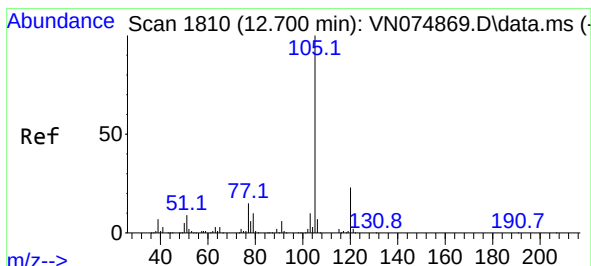
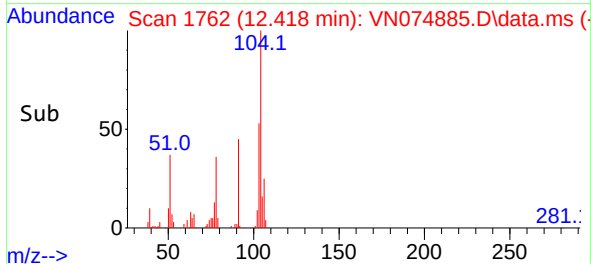
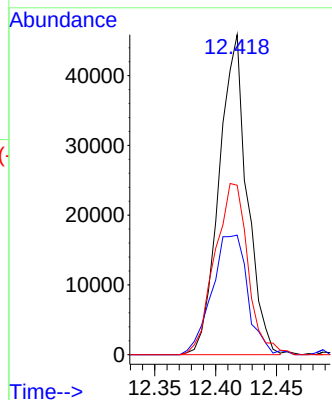
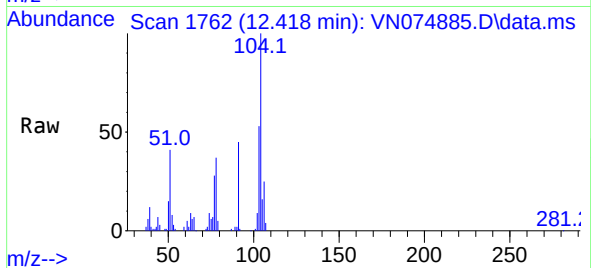
Tgt Ion:104 Resp: 73647

Ion Ratio Lower Upper

104 100

78 47.2 39.9 59.9

103 63.3 43.8 65.8



#70

Isopropylbenzene

Concen: 4.754 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN074885.D

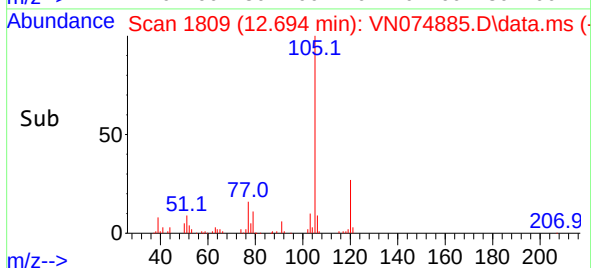
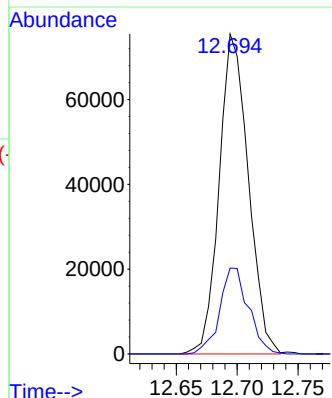
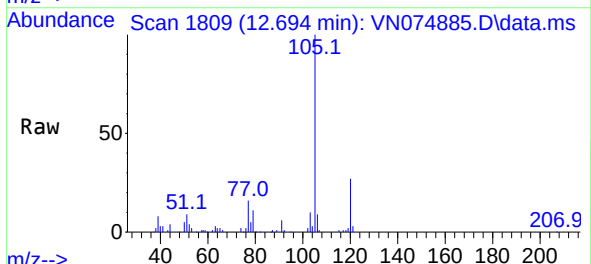
Acq: 12 Oct 2022 19:09

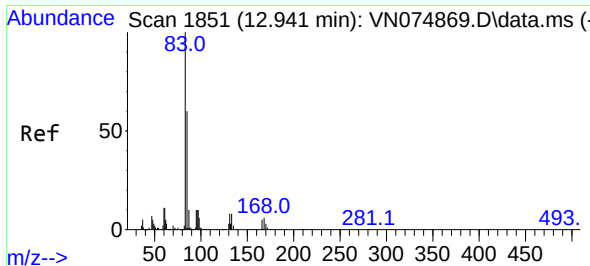
Tgt Ion:105 Resp: 125649

Ion Ratio Lower Upper

105 100

120 26.5 18.5 34.3

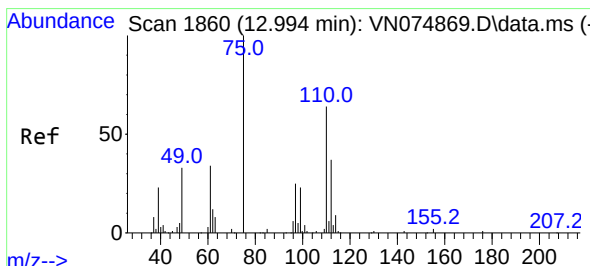
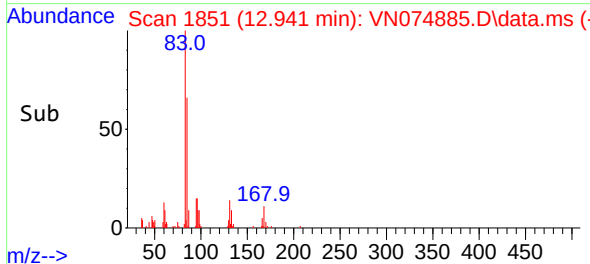
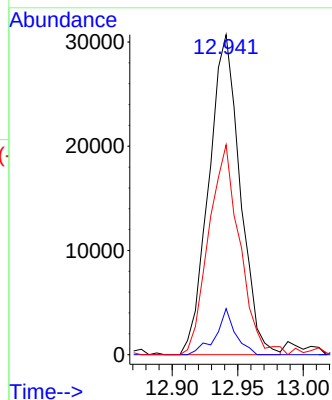
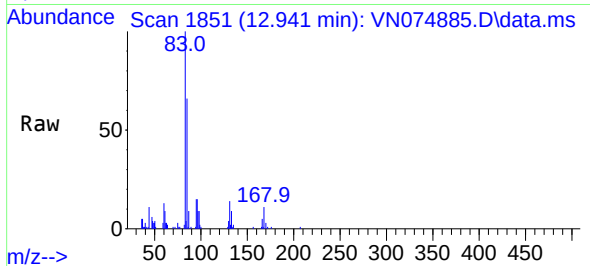




#71
1,1,2,2-Tetrachloroethane
Concen: 5.160 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

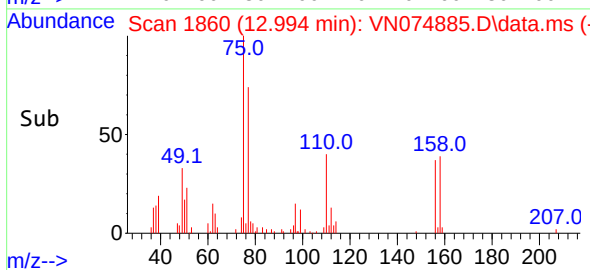
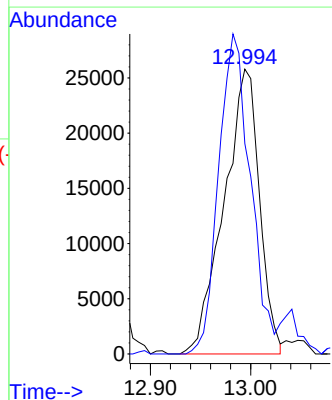
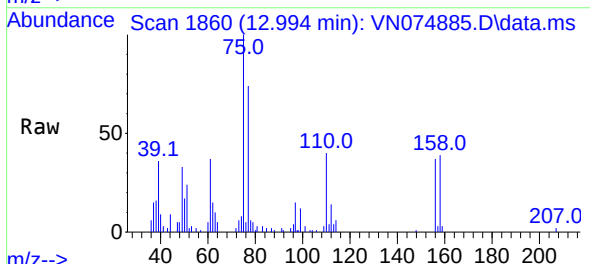
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

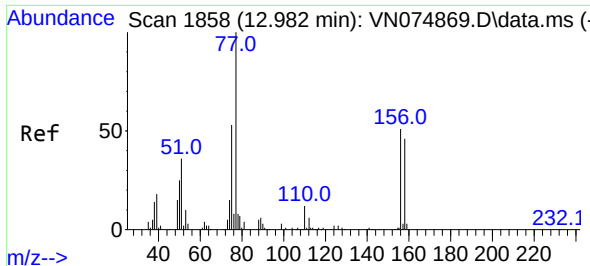
Tgt Ion: 83 Resp: 51016
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 63.9 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 7.629 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 75 Resp: 63368
Ion Ratio Lower Upper
75 100
77 100.1 0.0 372.4

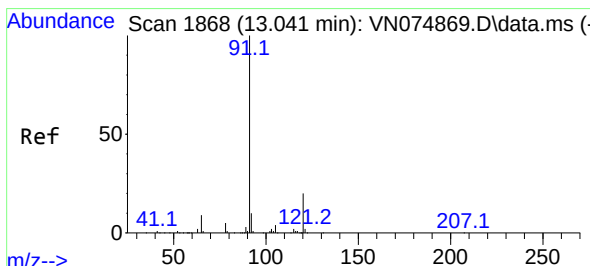
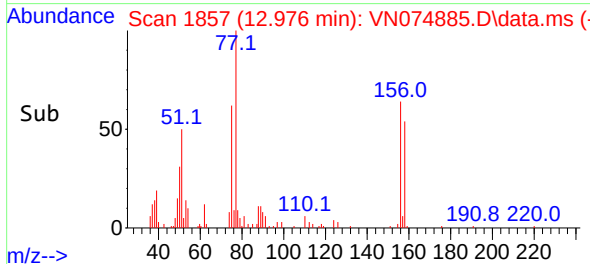
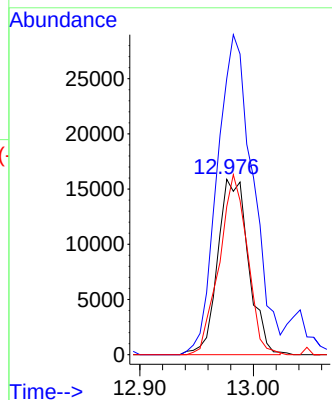
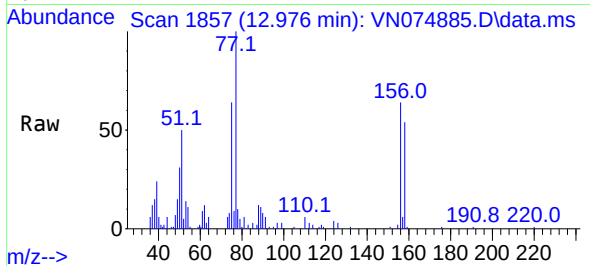




#73
Bromobenzene
Concen: 5.422 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

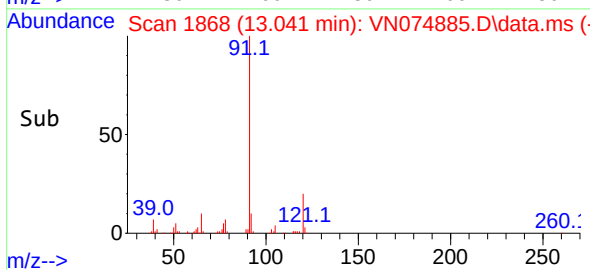
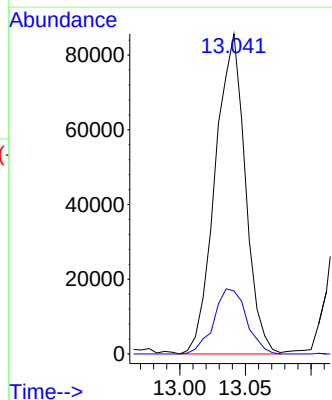
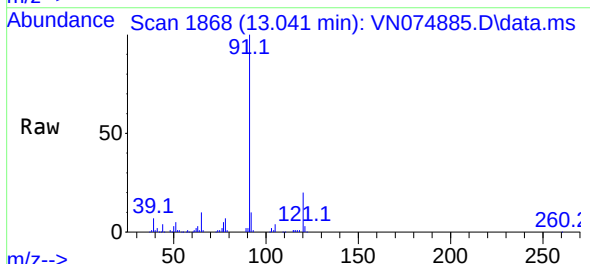
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

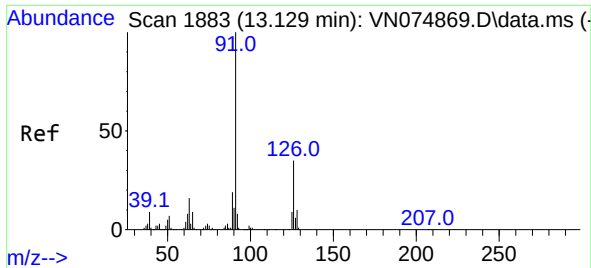
Tgt Ion:156 Resp: 30031
Ion Ratio Lower Upper
156 100
77 211.2 0.0 491.8
158 93.4 0.0 185.0



#74
n-propylbenzene
Concen: 4.436 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 91 Resp: 136696
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.6

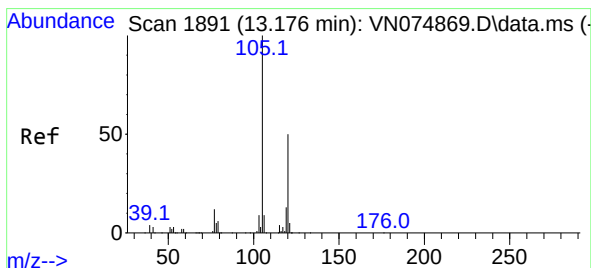
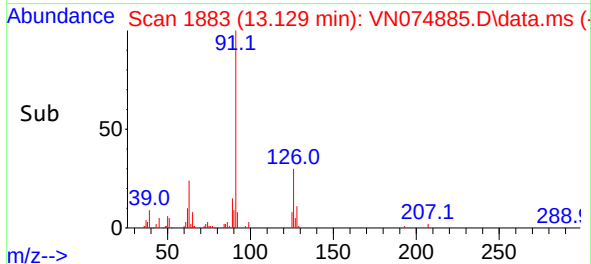
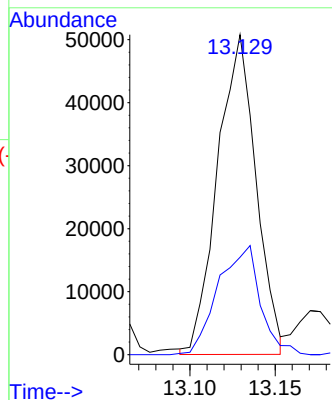
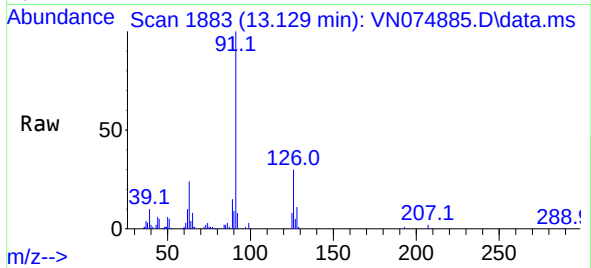




#75
2-Chlorotoluene
Concen: 4.415 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

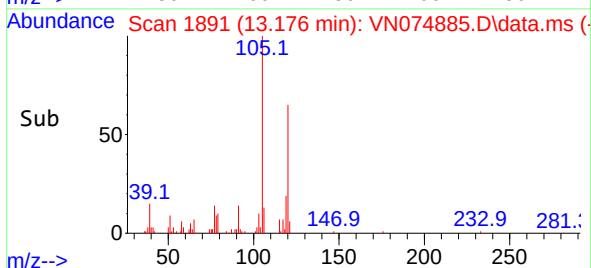
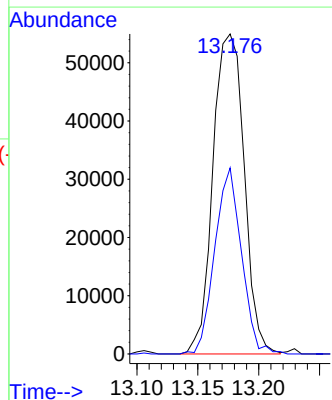
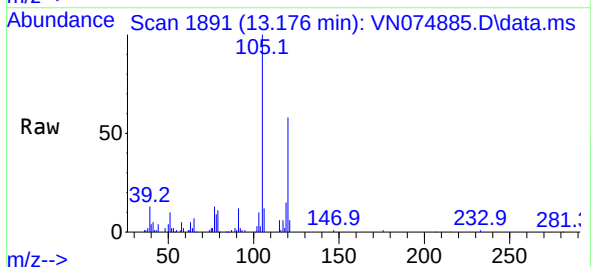
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

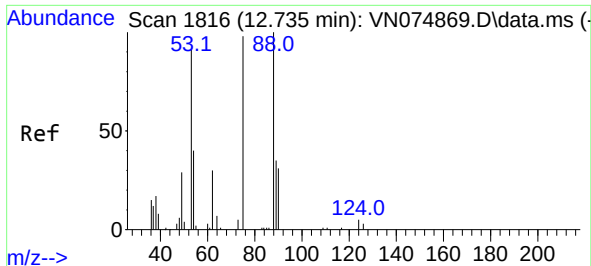
Tgt Ion: 91 Resp: 79597
Ion Ratio Lower Upper
91 100
126 37.2 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 4.559 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 105 Resp: 97924
Ion Ratio Lower Upper
105 100
120 48.0 0.0 97.4

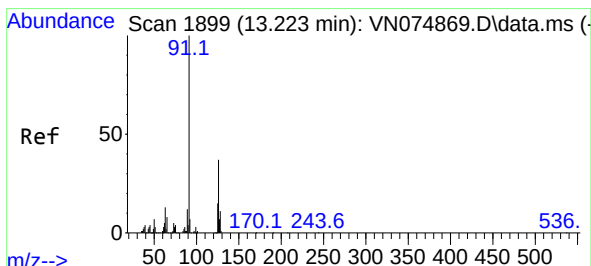
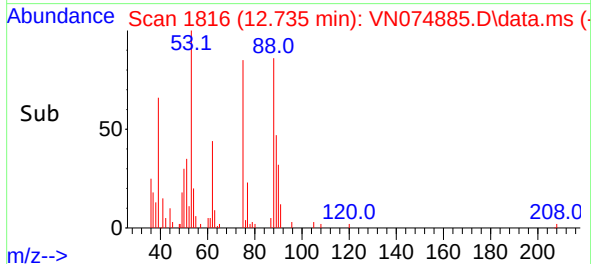
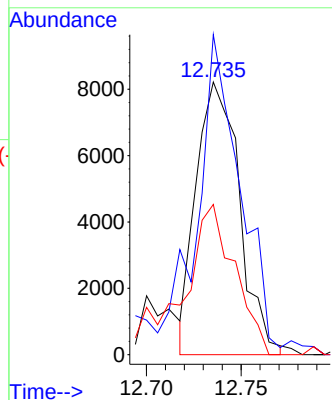
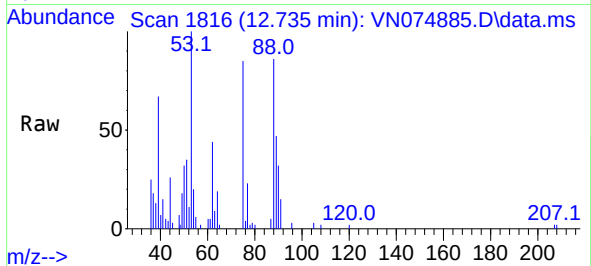




#77
t-1,4-Dichloro-2-butene
Concen: 3.784 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

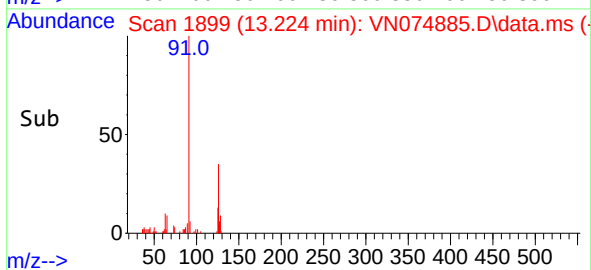
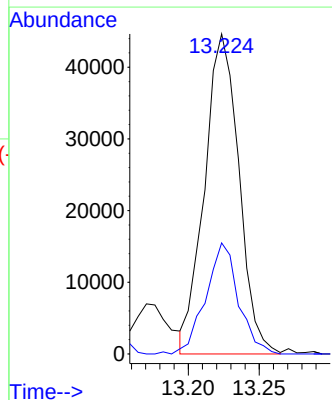
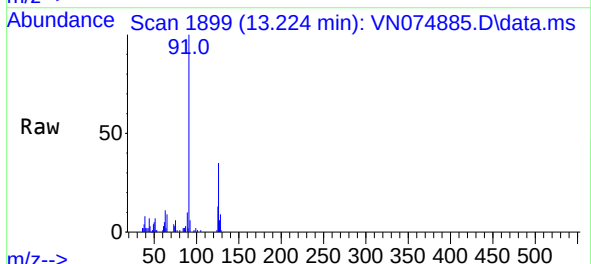
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

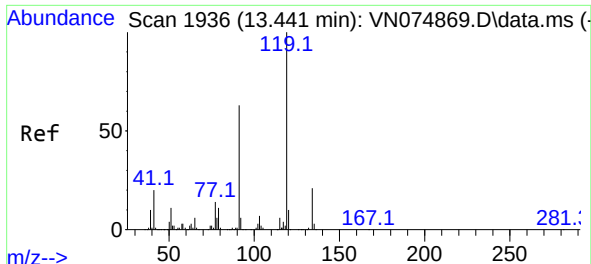
Tgt Ion: 75 Resp: 13060
Ion Ratio Lower Upper
75 100
53 118.7 43.3 129.9
89 57.0 21.1 63.1



#78
4-Chlorotoluene
Concen: 4.374 ug/l
RT: 13.224 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion: 91 Resp: 75257
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.8

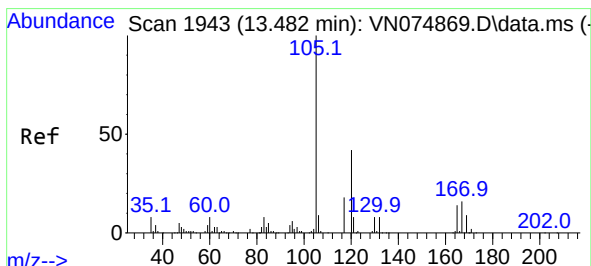
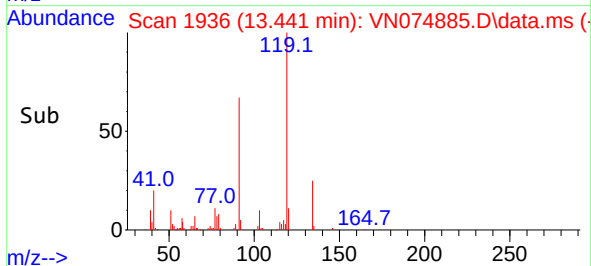
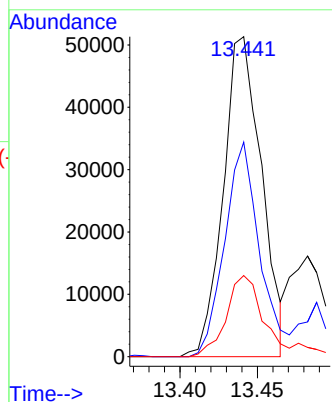
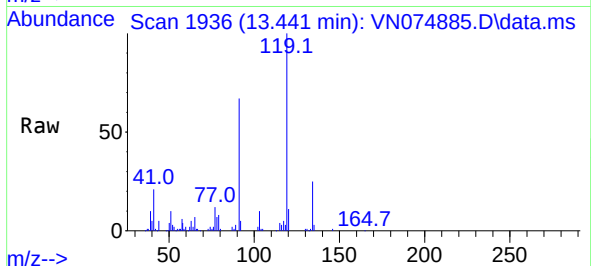




#79
tert-butylbenzene
Concen: 4.613 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

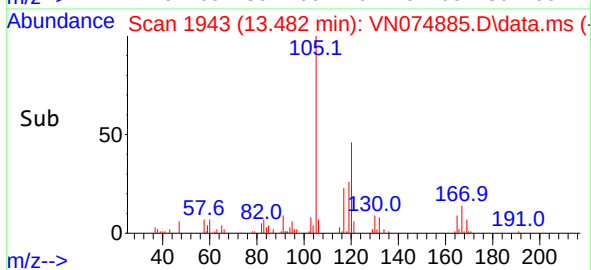
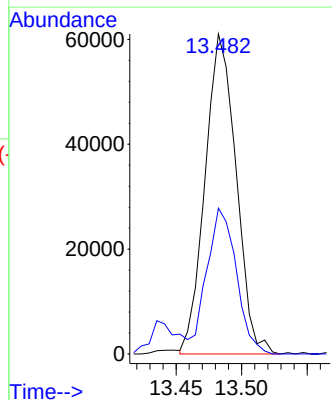
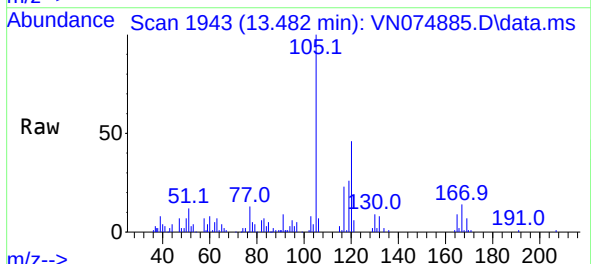
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

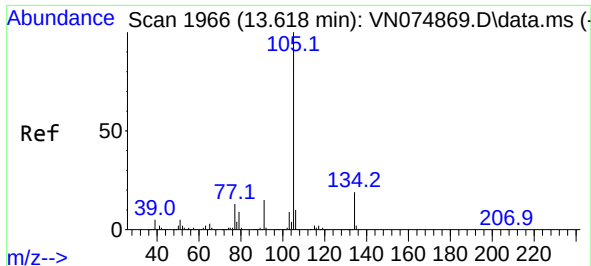
Tgt Ion:119 Resp: 88132
Ion Ratio Lower Upper
119 100
91 61.5 0.0 129.0
134 24.1 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 4.650 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:105 Resp: 100506
Ion Ratio Lower Upper
105 100
120 43.3 0.0 93.2

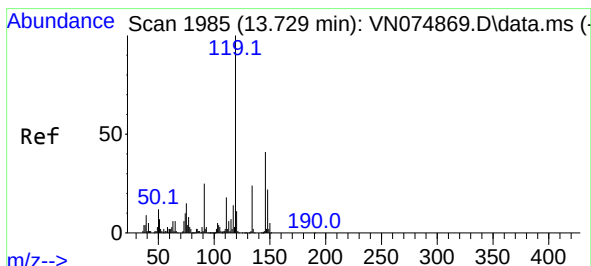
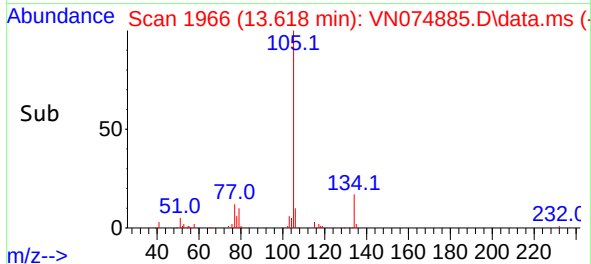
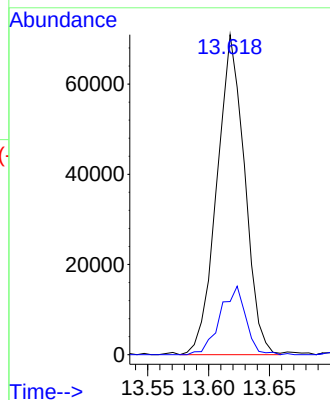
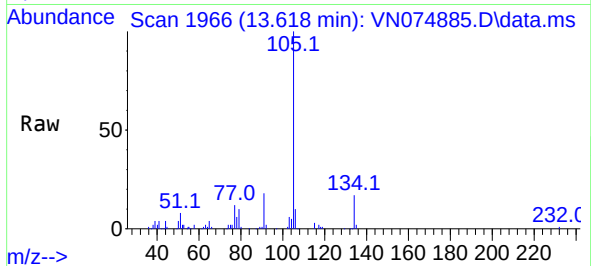




#81
 sec-Butylbenzene
 Concen: 4.098 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074885.D
 Acq: 12 Oct 2022 19:09

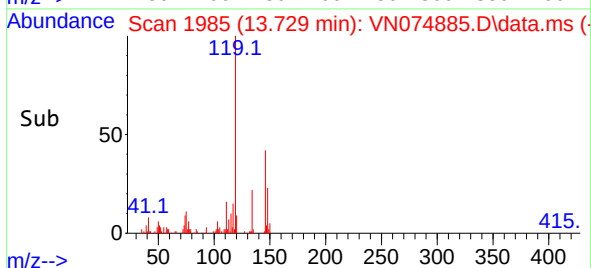
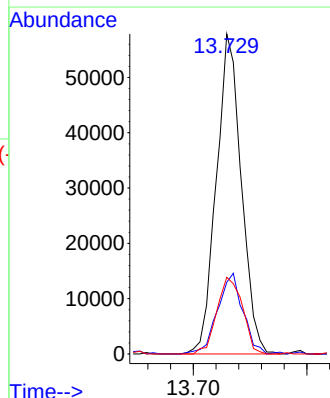
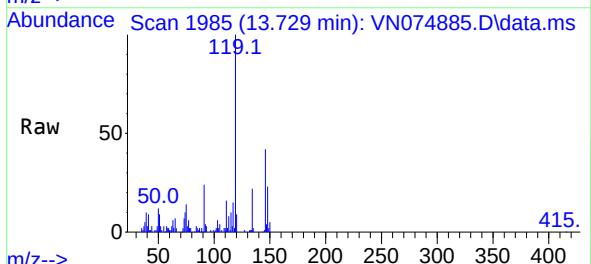
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT4-2022

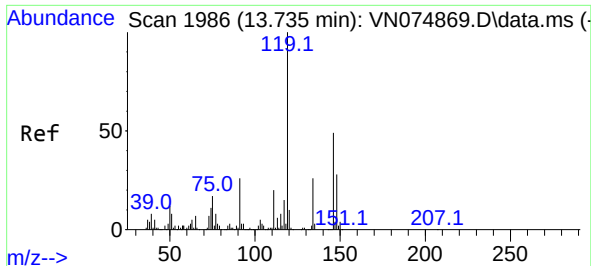
Tgt Ion:105 Resp: 112543
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 4.056 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074885.D
 Acq: 12 Oct 2022 19:09

Tgt Ion:119 Resp: 88491
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.4
 91 24.5 0.0 46.8

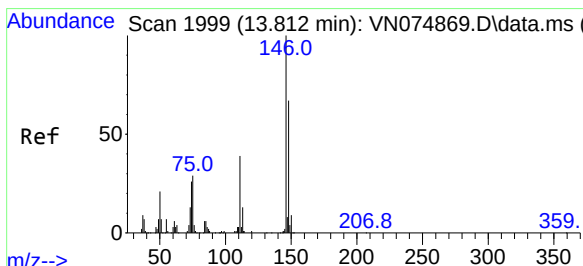
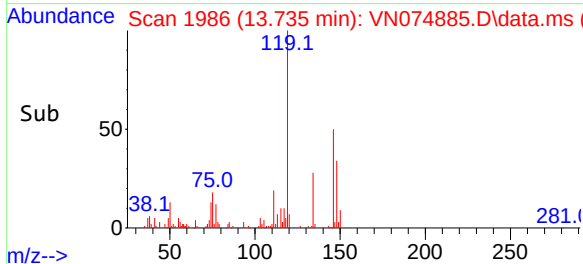
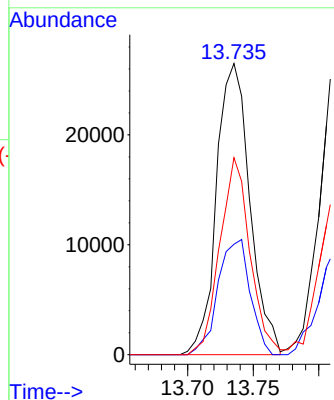
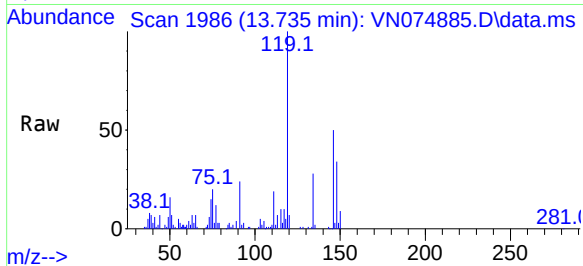




#83
1,3-Dichlorobenzene
Concen: 4.337 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

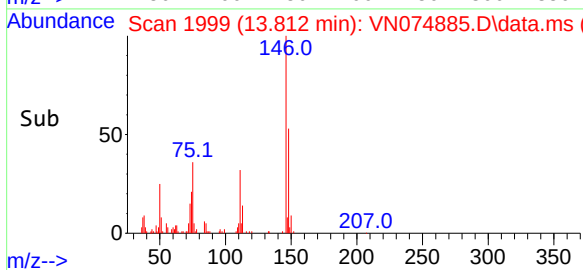
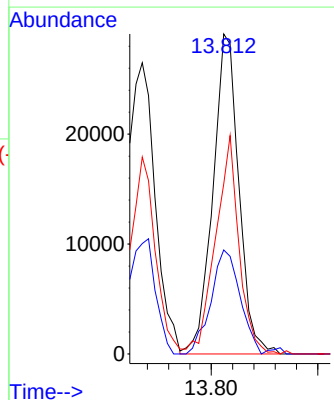
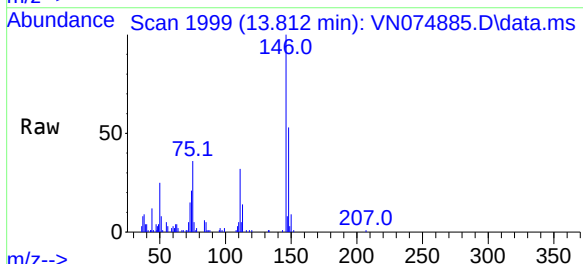
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2022

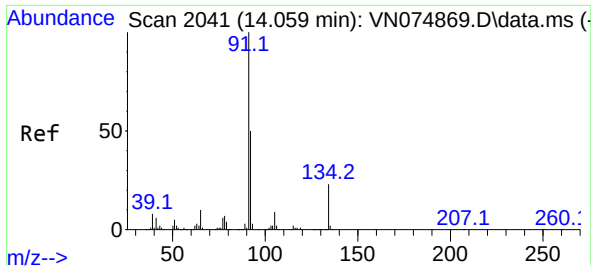
Tgt Ion:146	Resp:	46878
Ion	Ratio	Lower Upper
146	100	
111	38.2	20.5 61.5
148	61.6	31.0 93.0



#84
1,4-Dichlorobenzene
Concen: 4.733 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:146	Resp:	49139
Ion	Ratio	Lower Upper
146	100	
111	36.5	19.1 57.5
148	61.7	31.7 95.1

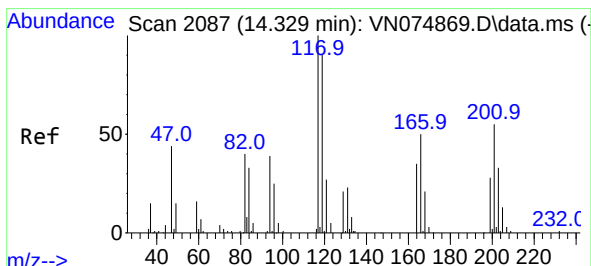
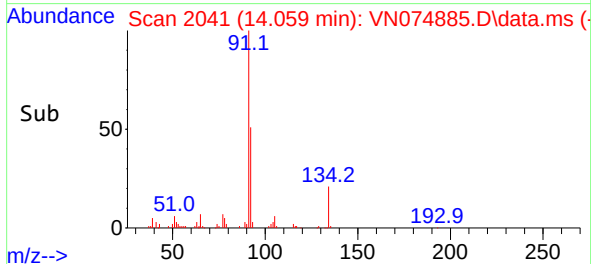
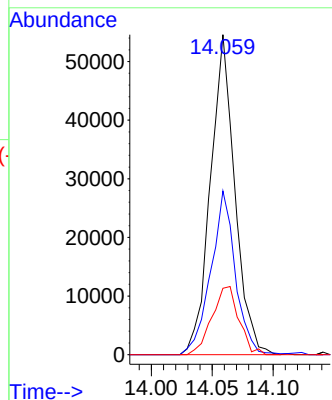
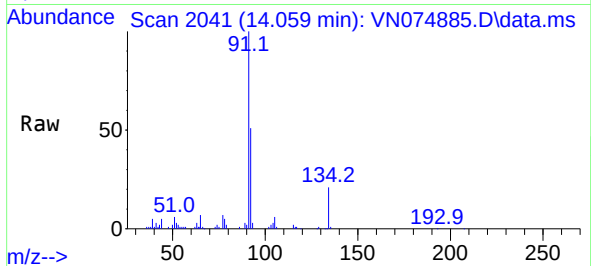




#85
n-Butylbenzene
Concen: 3.953 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

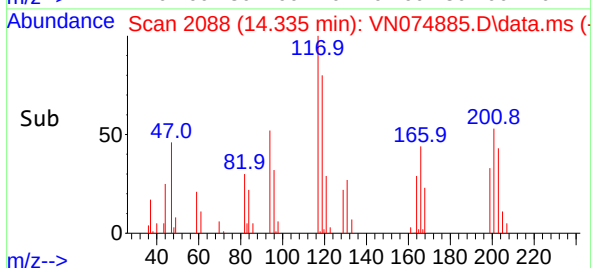
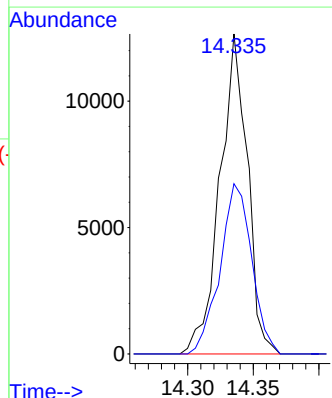
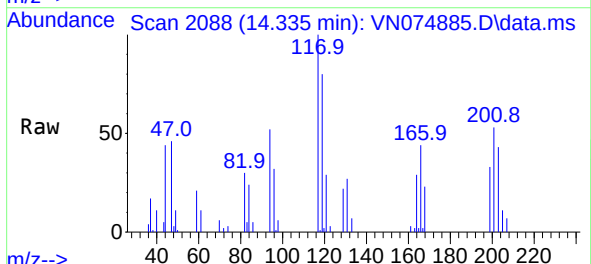
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

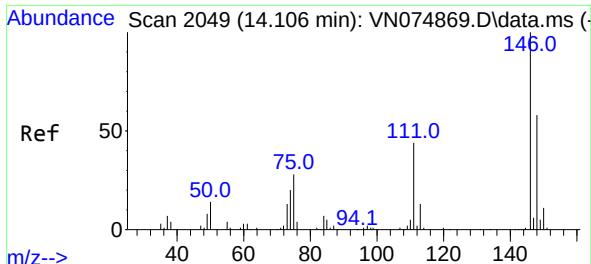
Tgt Ion:	91	Resp:	76136
Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	105.4
134	23.0	0.0	46.4



#86
Hexachloroethane
Concen: 4.320 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:	117	Resp:	18461
Ion	Ratio	Lower	Upper
117	100		
201	61.3	29.4	88.3





#87

1,2-Dichlorobenzene

Concen: 4.547 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2022

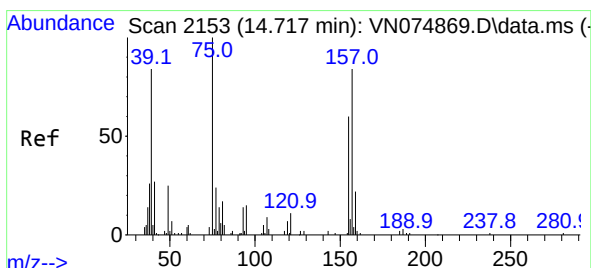
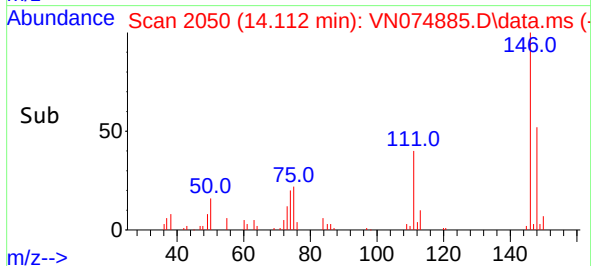
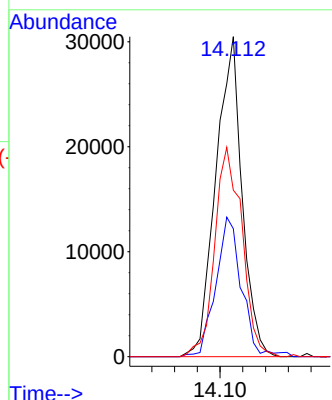
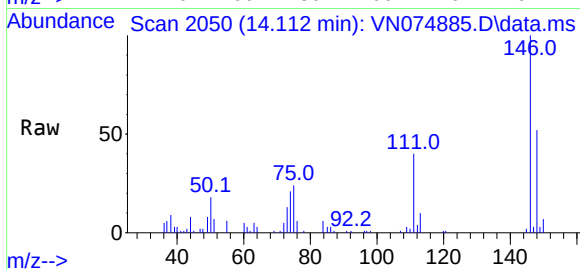
Tgt Ion:146 Resp: 48798

Ion Ratio Lower Upper

146 100

111 40.3 21.4 64.2

148 68.1 30.6 92.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.404 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN074885.D

Acq: 12 Oct 2022 19:09

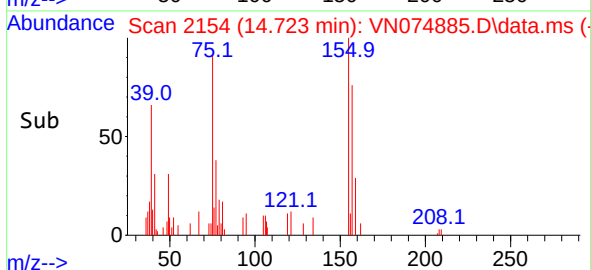
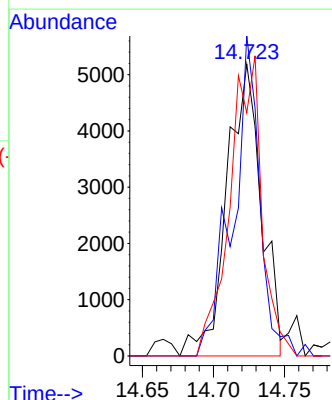
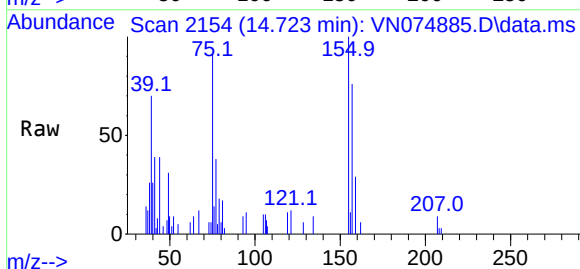
Tgt Ion: 75 Resp: 8789

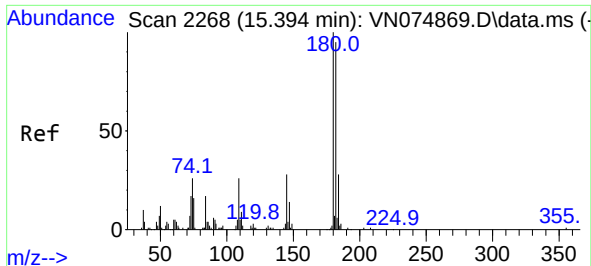
Ion Ratio Lower Upper

75 100

155 61.6 66.3 99.5#

157 94.8 84.3 126.5

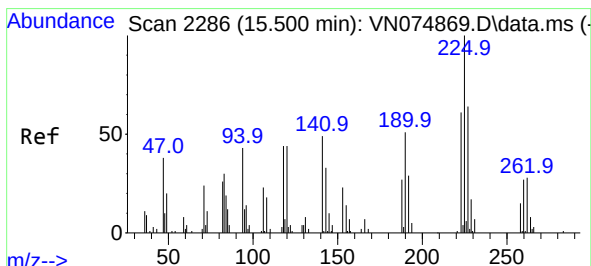
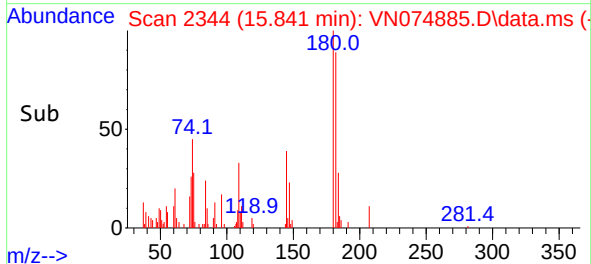
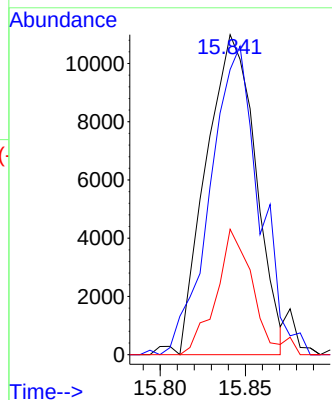
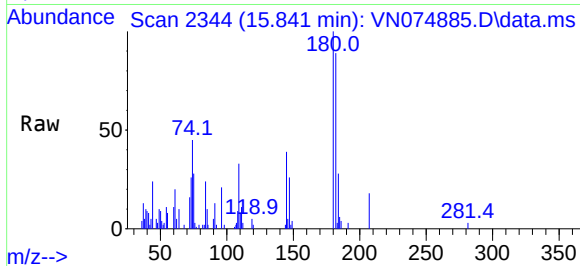




#89
1,2,4-Trichlorobenzene
Concen: 4.521 ug/l
RT: 15.841 min Scan# 211
Delta R.T. 0.447 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

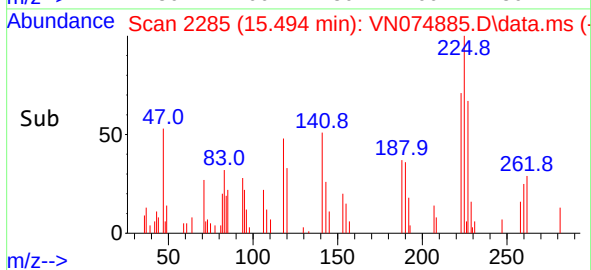
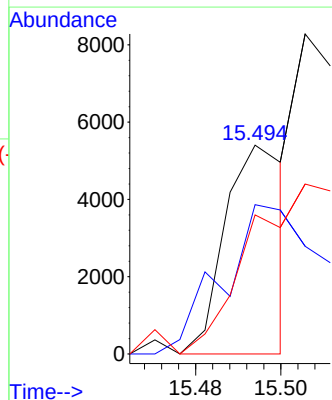
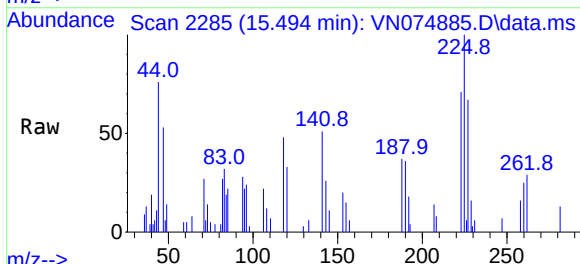
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

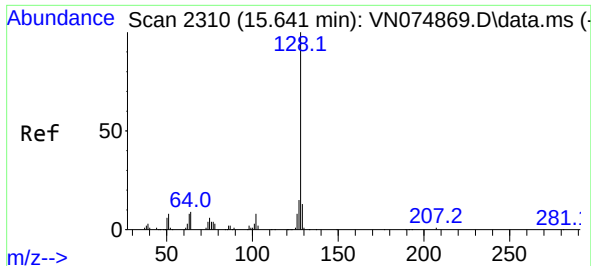
Tgt Ion:180 Resp: 22158
Ion Ratio Lower Upper
180 100
182 94.3 74.9 112.3
145 28.4 26.3 39.5



#90
Hexachlorobutadiene
Concen: 2.241 ug/l
RT: 15.494 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:225 Resp: 5355
Ion Ratio Lower Upper
225 100
223 128.0 0.0 125.0#
227 0.0 0.0 123.0

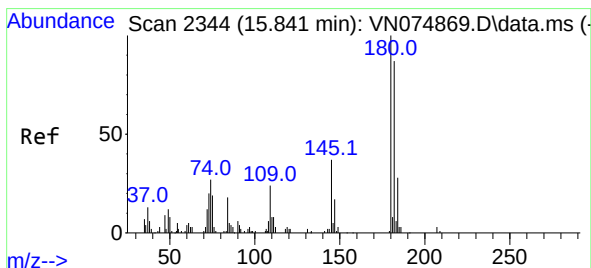
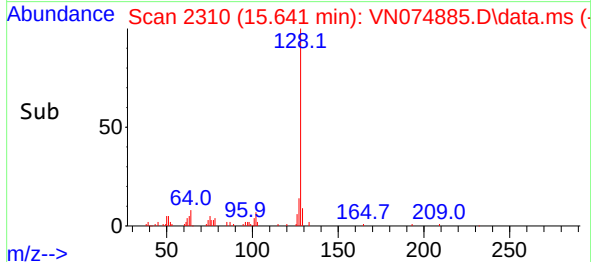
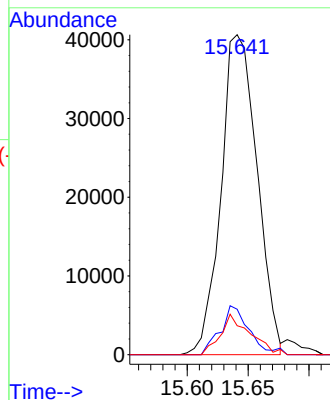
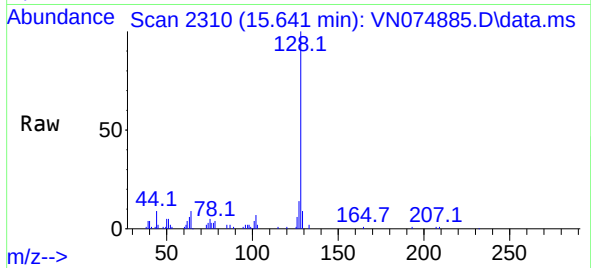




#91
Naphthalene
Concen: 4.307 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:	128	Resp:	83766
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.7	16.1
129	10.4	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 4.463 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074885.D
Acq: 12 Oct 2022 19:09

Tgt Ion:	180	Resp:	22879
Ion	Ratio	Lower	Upper
180	100		
182	92.3	0.0	185.4
145	27.5	0.0	68.6

