

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071879.D
 Acq On : 06 Apr 2022 15:06
 Operator : JC\MD
 Sample : N2279-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEWATERING-EFF-040522

Quant Time: Apr 07 04:27:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

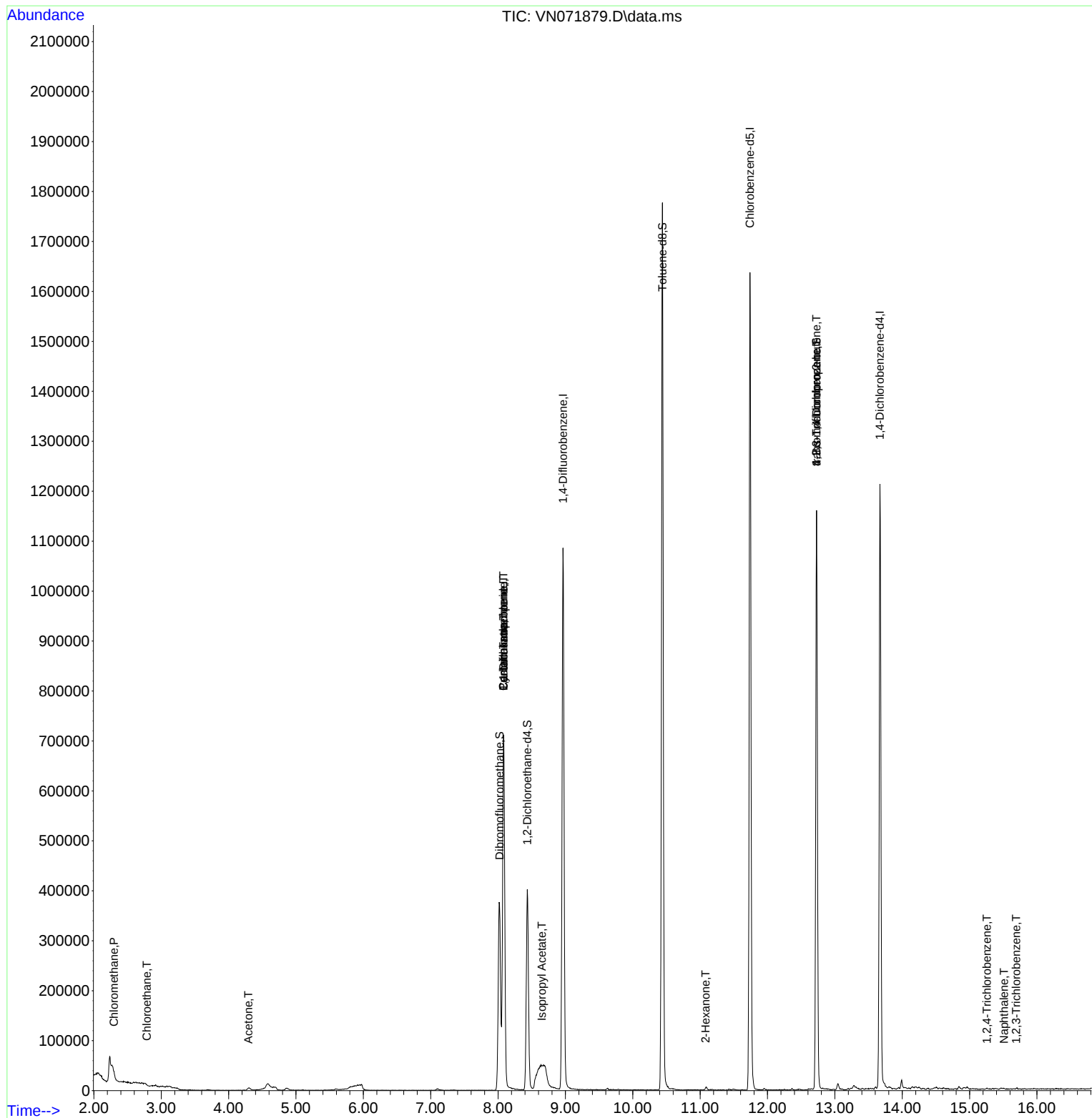
Internal Standards						
1) Pentafluorobenzene	8.081	168	594210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1014377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1024526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	359047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	328073	48.363	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.720%		
35) Dibromofluoromethane	8.022	113	290687	48.699	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.400%		
50) Toluene-d8	10.439	98	1259041	51.562	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.120%		
62) 4-Bromofluorobenzene	12.727	95	419907	53.172	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.340%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	3651	0.610	ug/l #	85
6) Chloroethane	2.787	64	1264	0.267	ug/l #	80
16) Acetone	4.293	43	6598	2.276	ug/l #	85
18) Methyl Acetate	4.863	43	8514	Below Cal		94
31) Cyclohexane	8.081	56	9776	1.060	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	40114	4.812	ug/l #	48
38) Carbon Tetrachloride	8.081	117	51758	6.336	ug/l #	17
43) Isopropyl Acetate	8.651	43	103286	6.806	ug/l #	53
59) 2-Hexanone	11.080	43	1443	0.235	ug/l	64
76) 1,2,3-Trichloropropane	12.727	75	200392	24.093	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	200392	74.662	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	609	2.188	ug/l	96
95) Naphthalene	15.509	128	2654	3.953	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.692	180	769	2.546	ug/l #	70

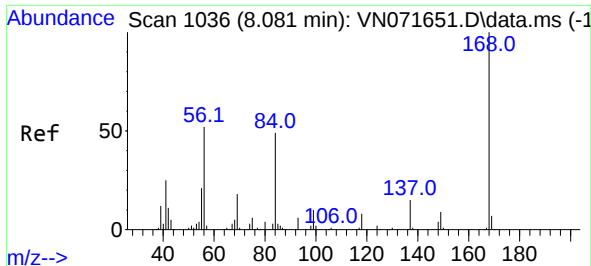
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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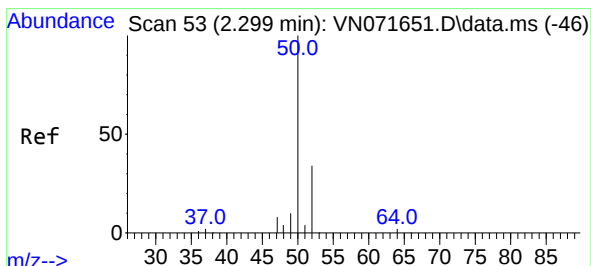
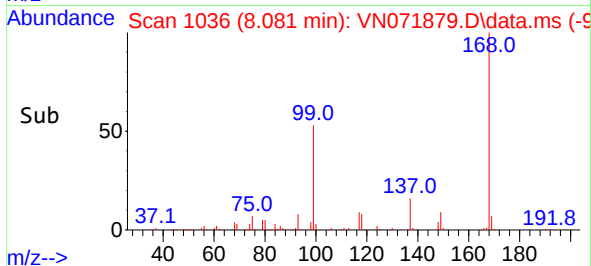
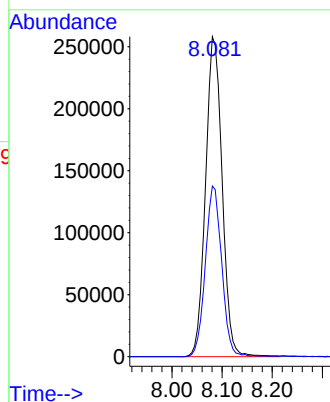
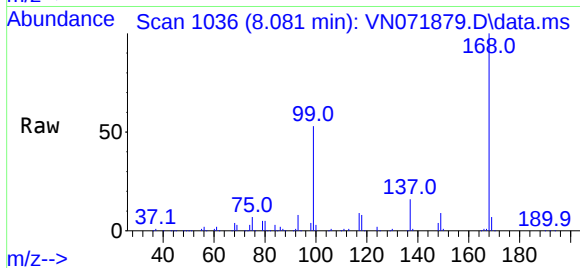




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

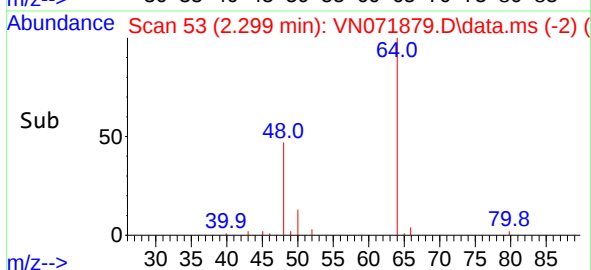
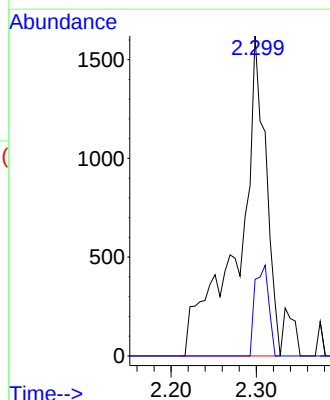
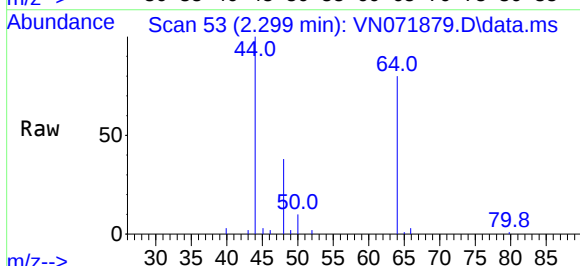
Instrument :
MSVOA_N
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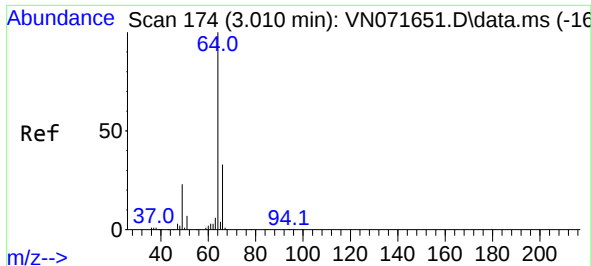
Tgt Ion:168 Resp: 594210
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#3
Chloromethane
Concen: 0.610 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 50 Resp: 3651
Ion Ratio Lower Upper
50 100
52 24.0 25.7 38.5#

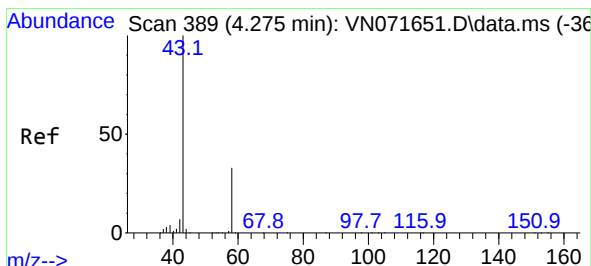
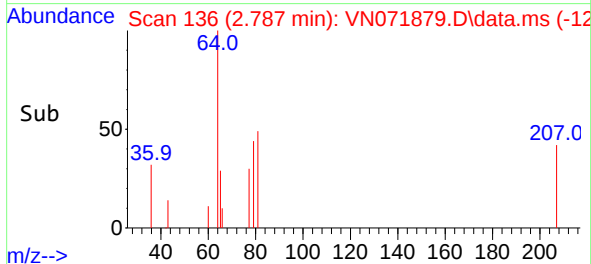
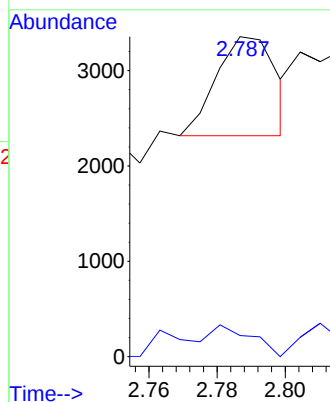
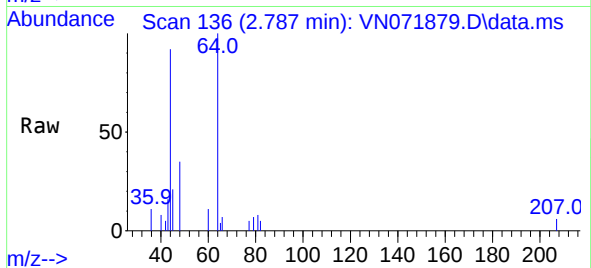




#6
Chloroethane
Concen: 0.267 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.223 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

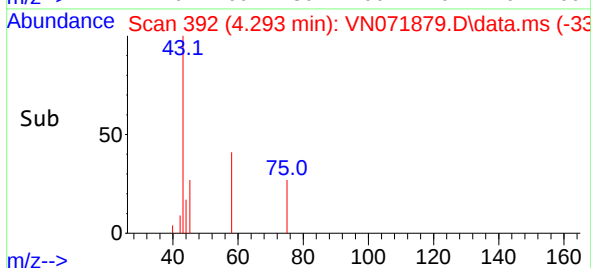
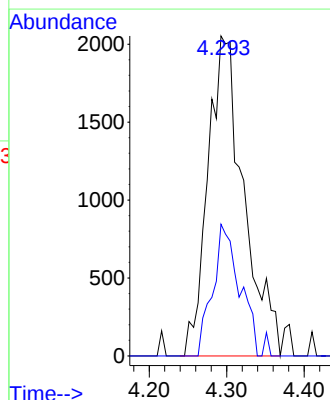
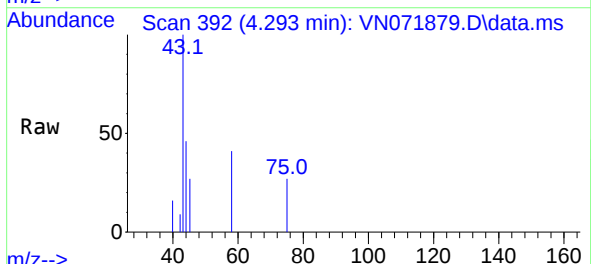
Instrument :
MSVOA_N
ClientSampleId :
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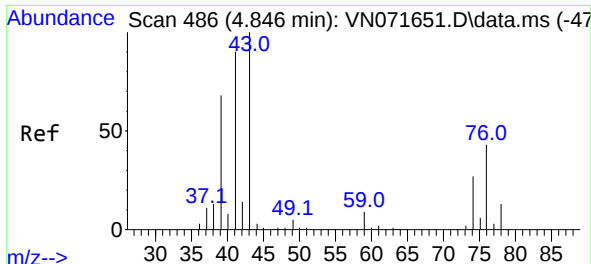
Tgt Ion: 64 Resp: 1264
Ion Ratio Lower Upper
64 100
66 21.3 26.2 39.4#



#16
Acetone
Concen: 2.276 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 43 Resp: 6598
Ion Ratio Lower Upper
43 100
58 41.2 26.0 39.0#

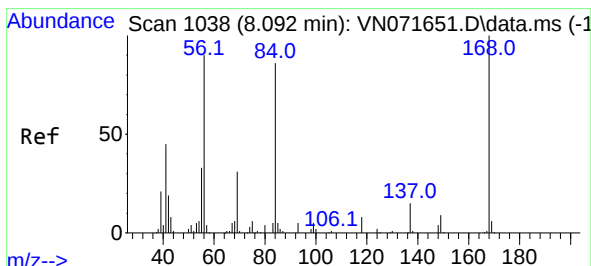
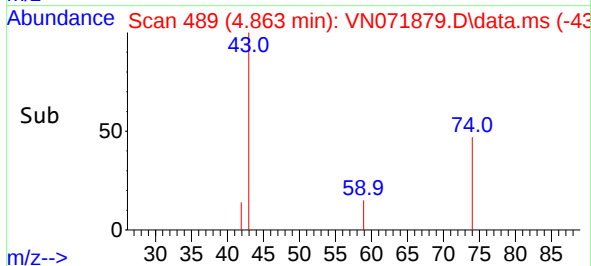
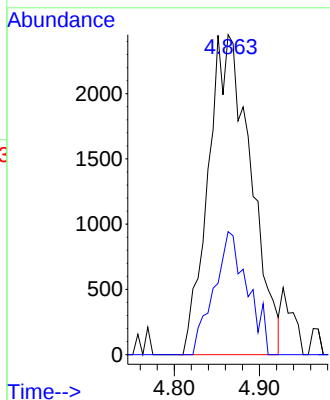
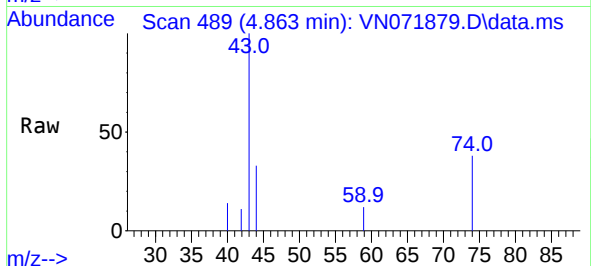




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

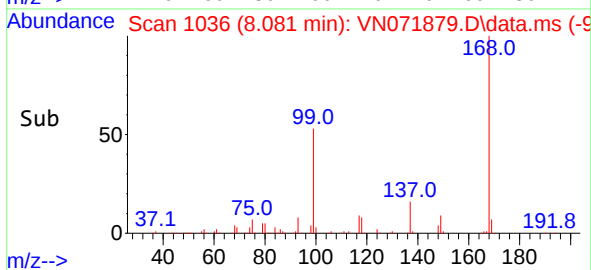
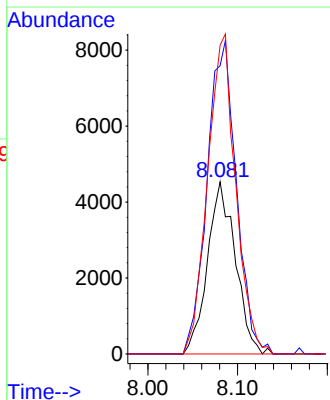
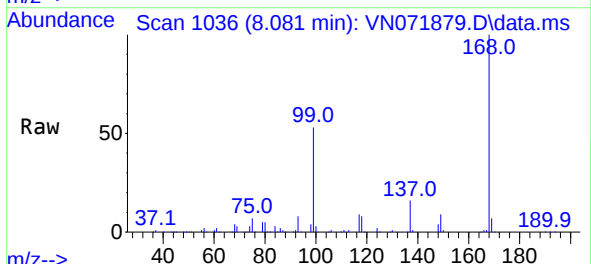
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFF-040522

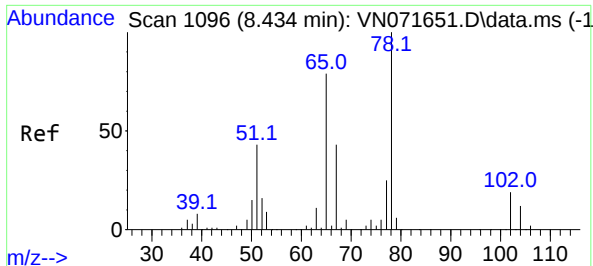
Tgt Ion: 43 Resp: 8514
Ion Ratio Lower Upper
43 100
74 30.0 21.6 32.4



#31
Cyclohexane
Concen: 1.060 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 56 Resp: 9776
Ion Ratio Lower Upper
56 100
69 167.5 27.8 41.8#
84 179.3 76.9 115.3#

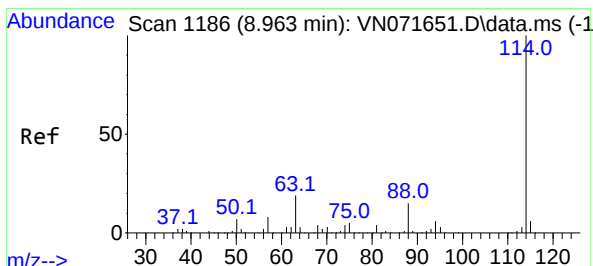
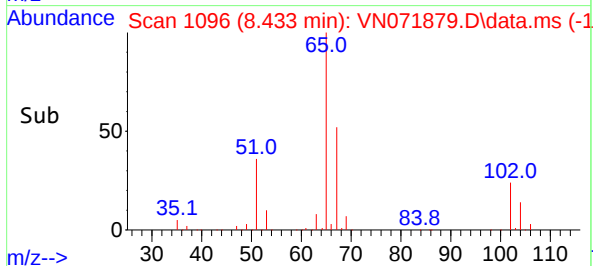
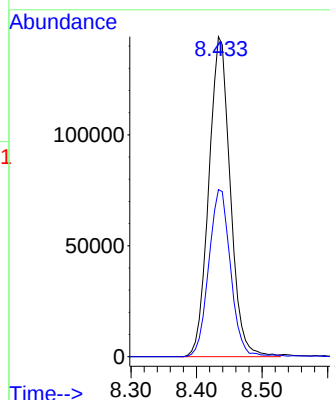
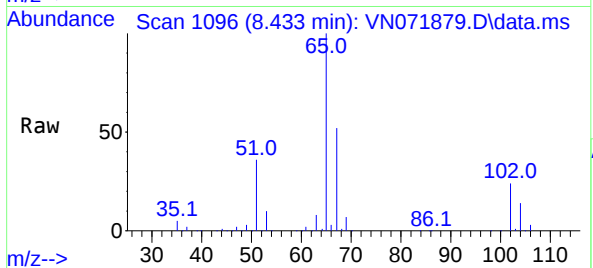




#33
 1,2-Dichloroethane-d4
 Concen: 48.363 ug/l
 RT: 8.433 min Scan# 1096
 Delta R.T. -0.001 min
 Lab File: VN071879.D
 Acq: 06 Apr 2022 15:06

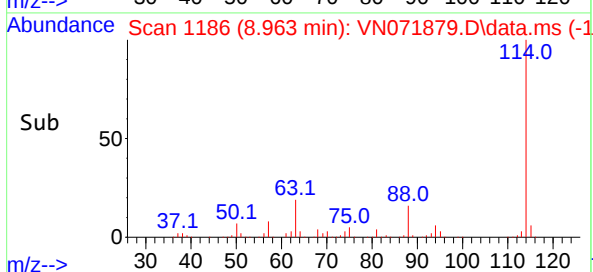
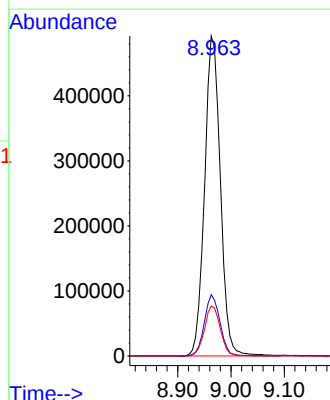
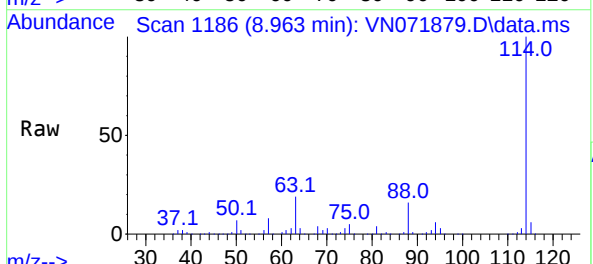
Instrument :
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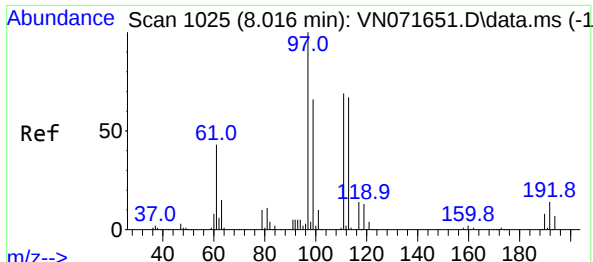
Tgt Ion: 65 Resp: 328073
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: VN071879.D
 Acq: 06 Apr 2022 15:06

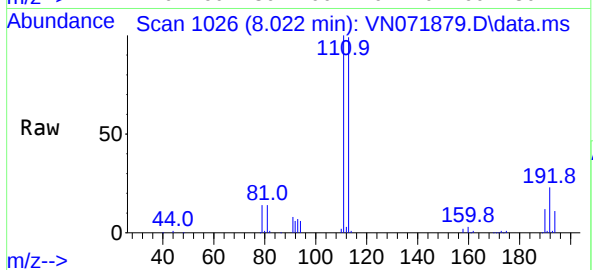
Tgt Ion: 114 Resp: 1014377
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.6 0.0 32.6



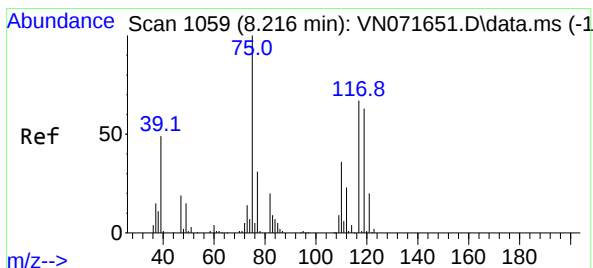
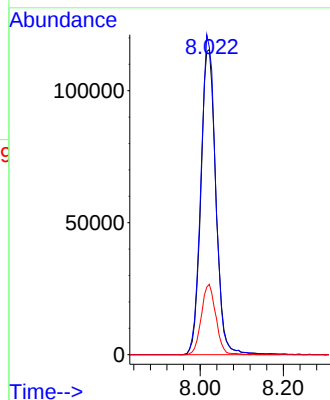
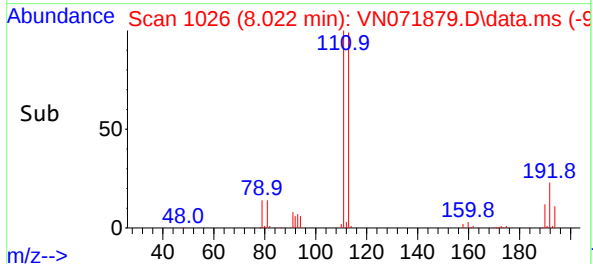


#35
Dibromofluoromethane
Concen: 48.699 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Instrument :
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ClientSampleId :
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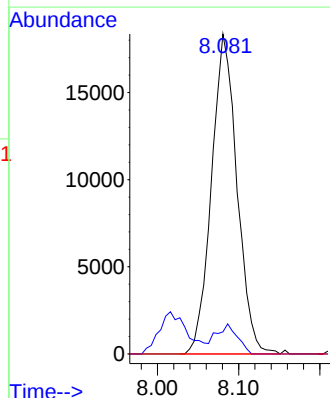
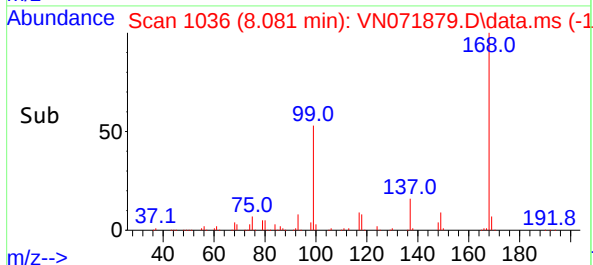
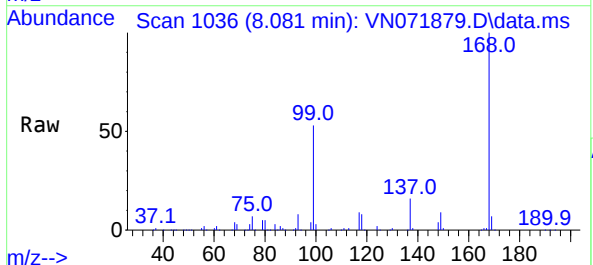


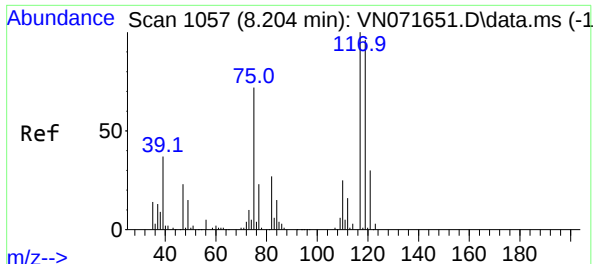
Tgt Ion: 113 Resp: 290687
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 22.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 75 Resp: 40114
Ion Ratio Lower Upper
75 100
110 7.6 18.3 54.8#
77 0.0 25.1 37.7#

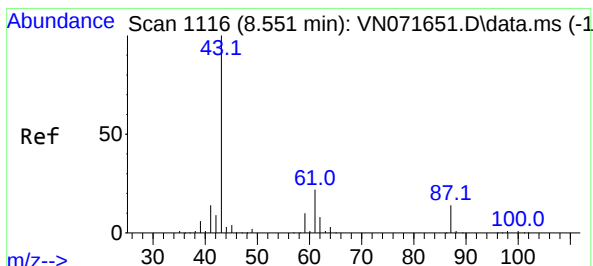
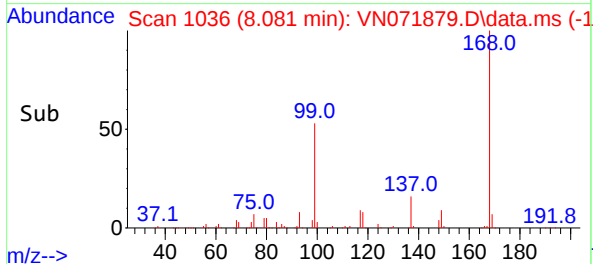
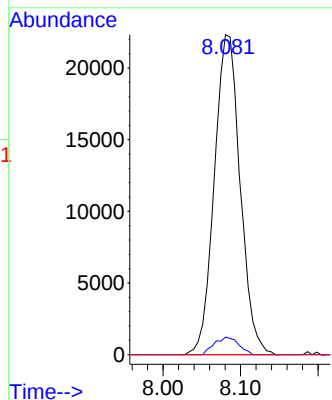
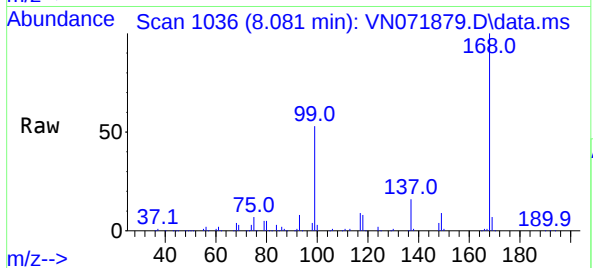




#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 8.081 min Scan# 1133
Delta R.T. -0.123 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

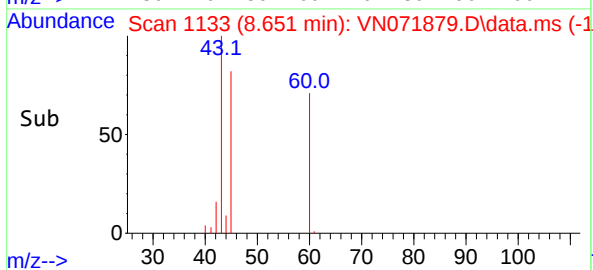
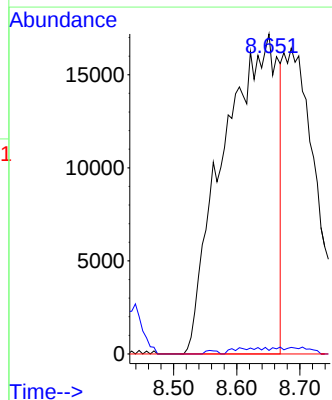
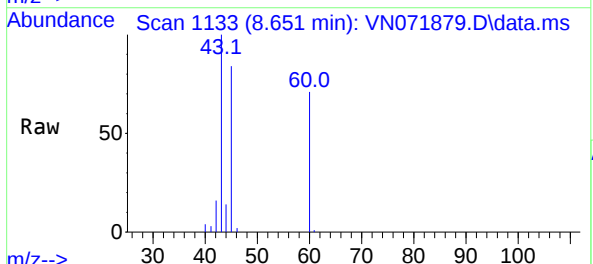
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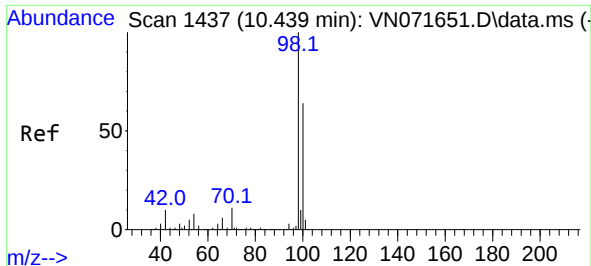
Tgt Ion:117 Resp: 51758
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 6.806 ug/l
RT: 8.651 min Scan# 1133
Delta R.T. 0.100 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 43 Resp: 103286
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

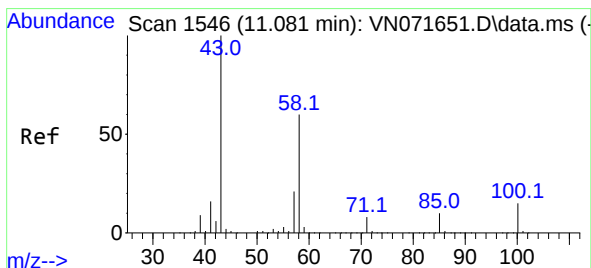
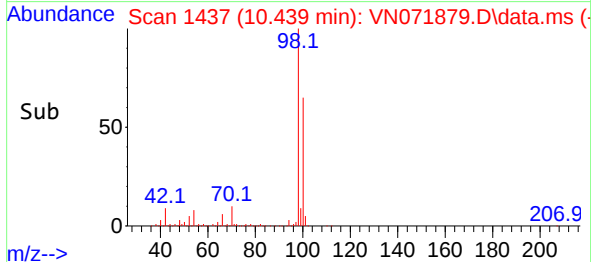
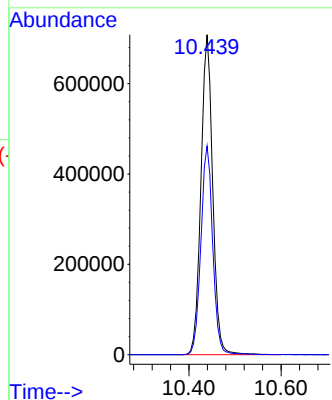
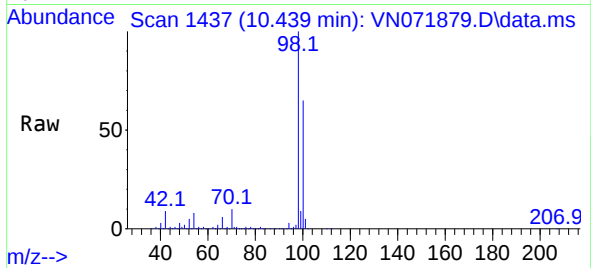




#50
Toluene-d8
Concen: 51.562 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

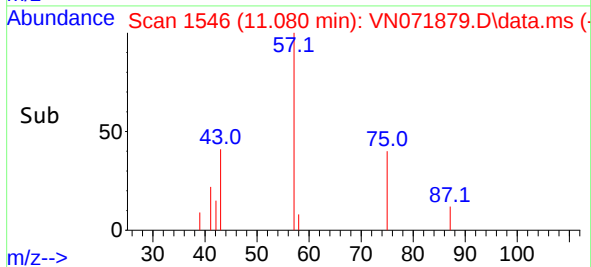
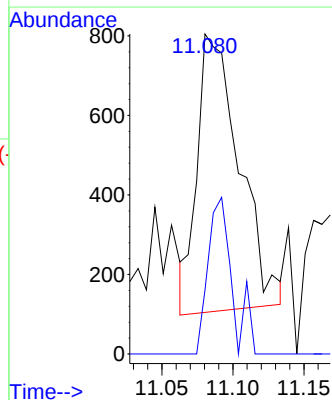
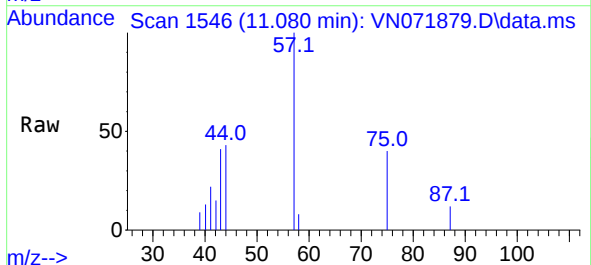
Instrument :
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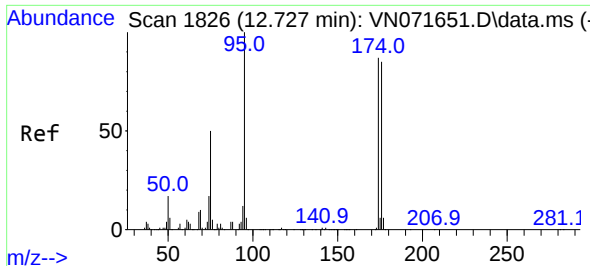
Tgt Ion: 98 Resp: 1259041
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#59
2-Hexanone
Concen: 0.235 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 32.2 29.7 89.1

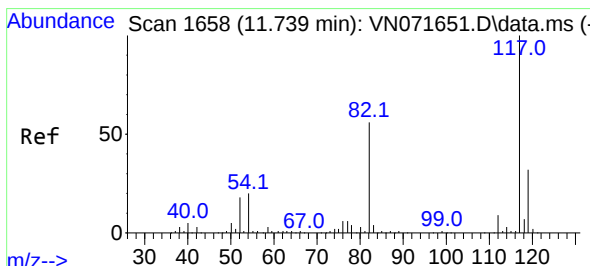
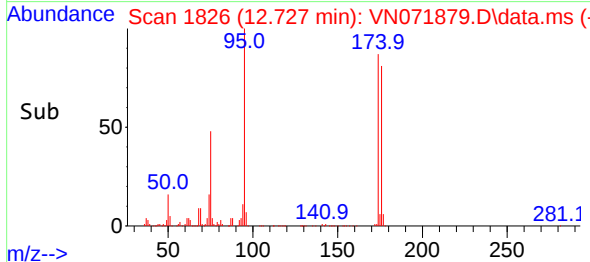
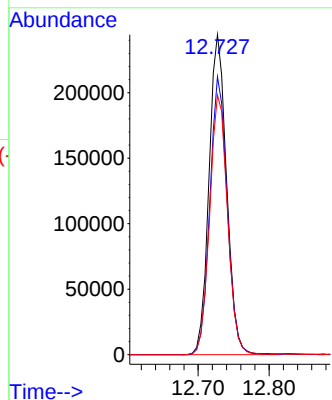
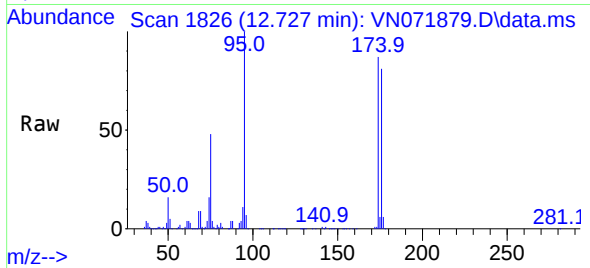




#62
4-Bromofluorobenzene
Concen: 53.172 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

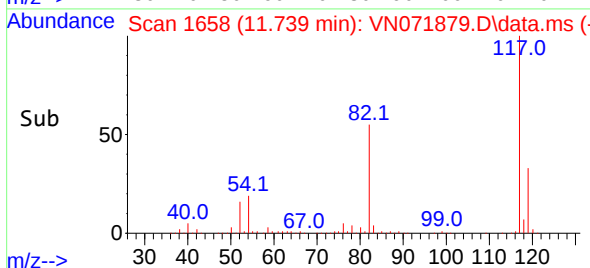
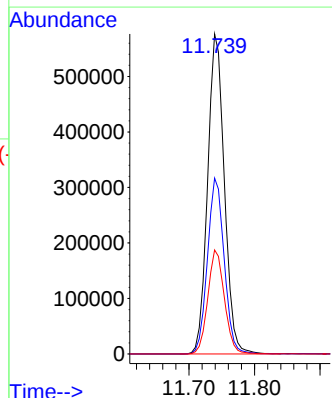
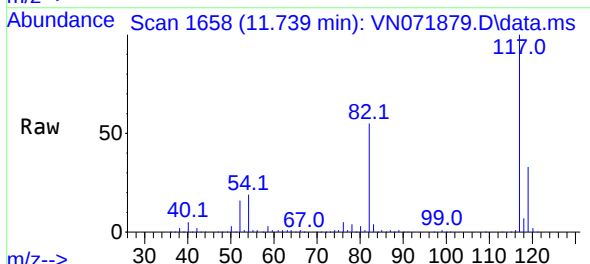
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFF-040522

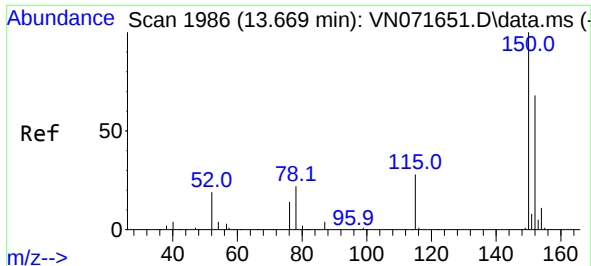
Tgt Ion: 95 Resp: 419907
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 82.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 117 Resp: 1024526
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.5 25.4 38.0

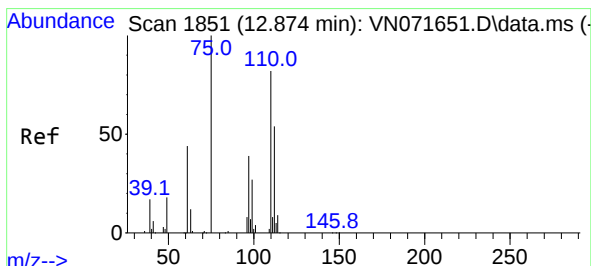
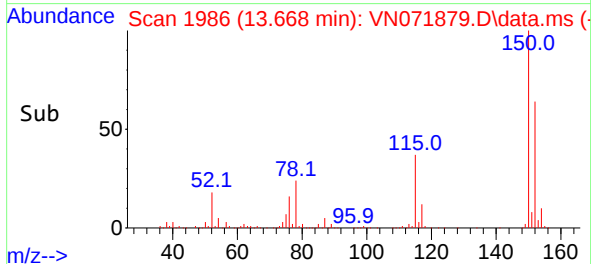
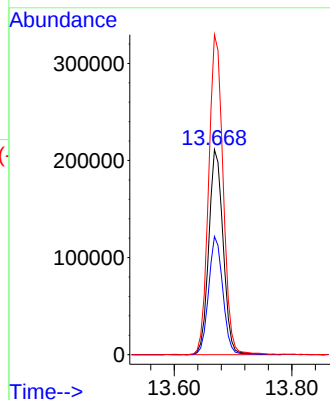
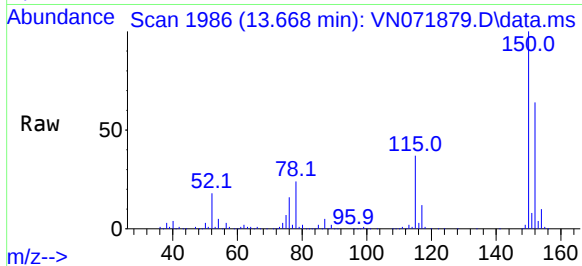




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

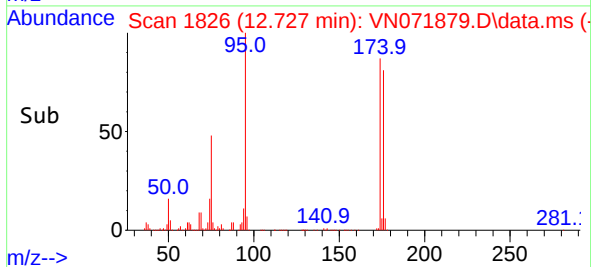
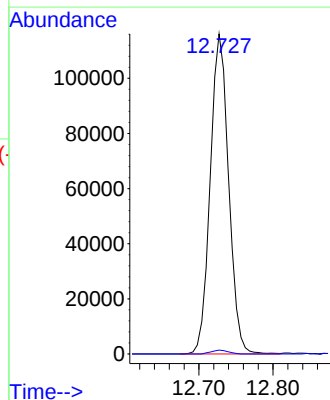
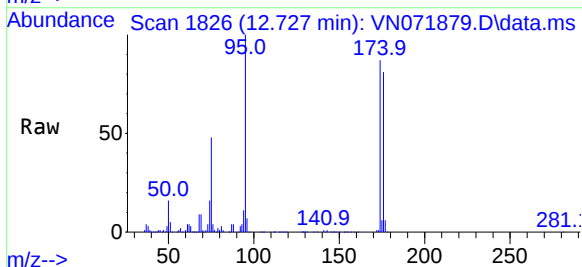
Instrument : MSVOA_N
ClientSampleId : DEWATERING-EFF-040522

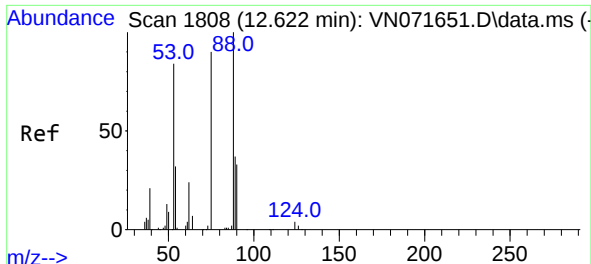
Tgt Ion:152 Resp: 359047
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 157.7 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.093 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 75 Resp: 200392
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

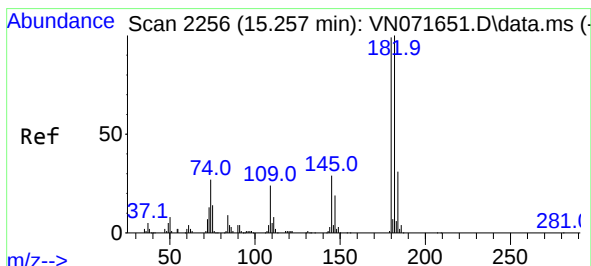
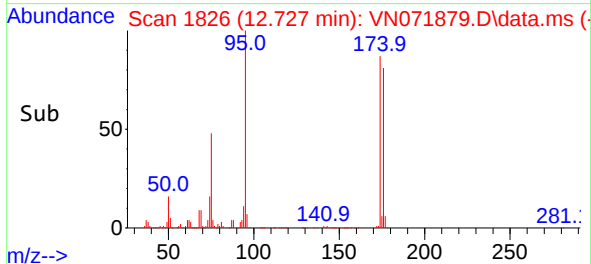
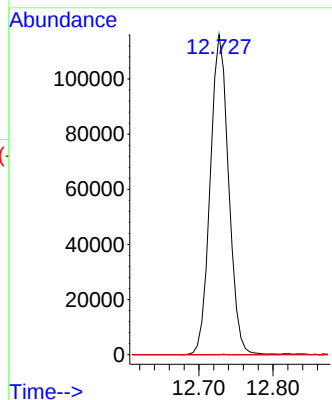
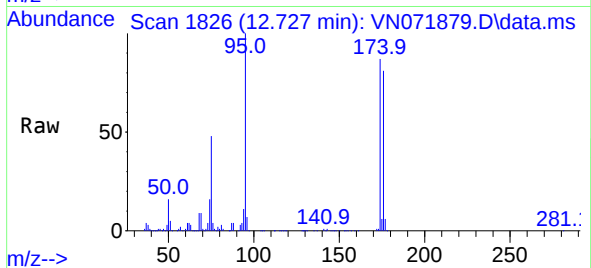




#81
trans-1,4-Dichloro-2-butene
Concen: 74.662 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

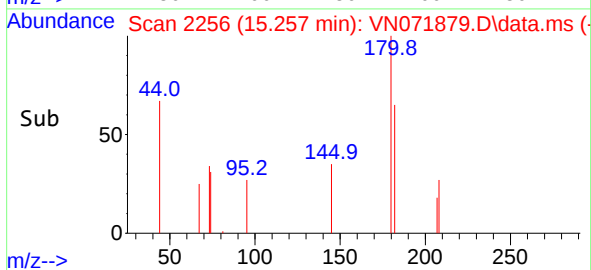
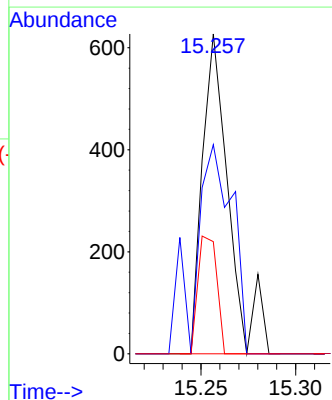
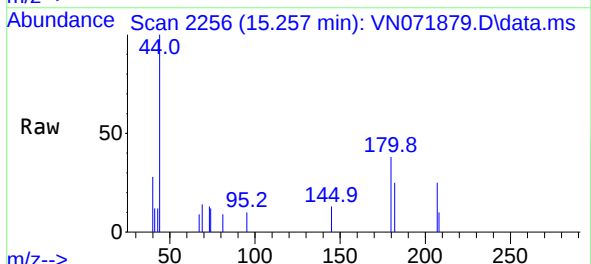
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFF-040522

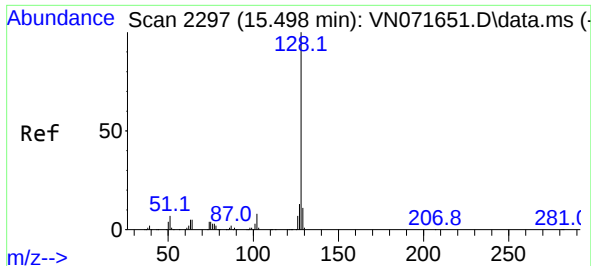
Tgt Ion: 75 Resp: 200392
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.188 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion: 180 Resp: 609
Ion Ratio Lower Upper
180 100
182 91.0 47.5 142.5
145 26.1 14.5 43.5

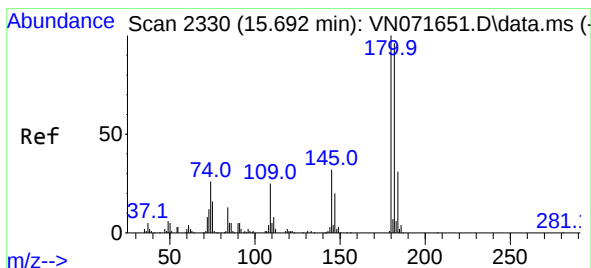
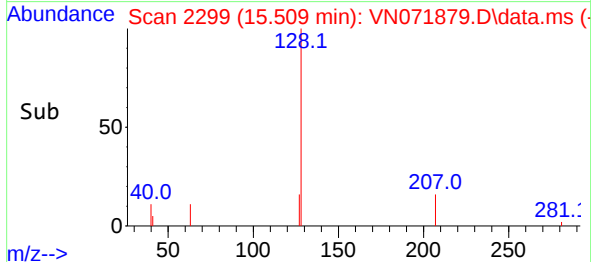
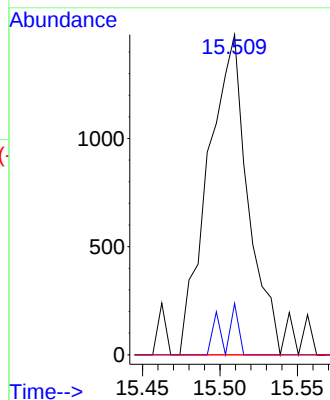
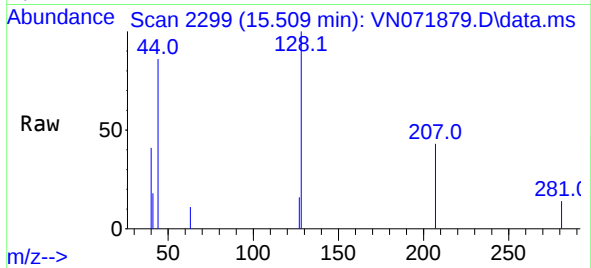




#95
Naphthalene
Concen: 3.953 ug/l
RT: 15.509 min Scan# 2297
Delta R.T. 0.011 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFF-040522

Tgt Ion:	128	Resp:	2654
Ion	Ratio	Lower	Upper
128	100		
127	2.6	10.3	15.5#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.546 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071879.D
Acq: 06 Apr 2022 15:06

Tgt Ion:	180	Resp:	769
Ion	Ratio	Lower	Upper
180	100		
182	68.9	47.8	143.3
145	9.1	15.5	46.5#

